



USAID
FROM THE AMERICAN PEOPLE

**ECOSYSTEMS IMPROVED FOR
SUSTAINABLE FISHERIES
(ECOFISH) PROJECT**

ECOSYSTEMS IMPROVED FOR SUSTAINABLE FISHERIES (ECOFISH) Project

ANNUAL REPORT – YEAR 1 (01 JULY 2012 – 30 SEPTEMBER 2013)

ECOFISH Document No.: 14/2013

Version: Final

Implemented with:

Department of Agriculture-Bureau of Fisheries and Aquatic Resources
National Government Agencies
Local Government Units
Assisting Organizations

Supported by:

United States Agency for International Development
Contract No.: AID-492-C-12-00008

Managed by:

Tetra Tech ARD

11 November 2013

Ecosystems Improved for Sustainable Fisheries (ECOFISH) Project

Annual Report – Year 1

(01 July 2012 – 30 September 2013)

ECOFISH Document No.: 14/2013

Version: Final

Implemented with:

Department of Agriculture – Bureau of Fisheries and Aquatic Resources
National Government Agencies
Local Government Units
Assisting Organizations

Supported by:

United States Agency for International Development
Contract No.: AID-492-C-12-00008
Philippines

Managed by:

Tetra Tech-ARD

11 November 2013

DISCLAIMER

The views expressed in this document do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

Table of Contents

Abbreviations and Acronyms	iii
1. Introduction.....	1
2. Project Objectives	1
3. General Work Plan Overview	6
4. Year 1 Accomplishments	8
4.1. Start-Up Activities.....	8
4.2. Deliverable 1: Policy Studies on EAFM, MPA and Climate Change	10
4.3. Deliverable 2: Toolkits, Sourcebooks and Case Studies on EAFM, MPA and Climate Change	14
4.4. Deliverable 3: A National Database on EAFM Established Using the Annual Monitoring Data in the 8 MKBAs	18
4.5. Deliverable 4: State of the Marine Resources Report	19
4.6. Deliverable 5: National, Regional and Municipal EAFM Trainings Conducted.....	20
4.7. Deliverable 6: Public-Private Partnerships Supporting ECOFISH Objectives Established.....	24
4.8. Deliverable 7: Bio-physical, Social and Economic Baseline Assessments of the 8 MKBAs	26
4.9. Deliverable 8: Scientific Studies on Select MKBA-Specific Fish Species	28
4.10. Deliverable 9: MPA Network Analyses in the Eight MKBAs.....	30
4.11. Deliverable 10: Fisheries Management Plans of Select Inter-LGU Alliances in the Eight MKBAs.....	31
4.12. Deliverable 11: Registry of Users of Municipal Fishing Waters Established in Select Municipal LGUs in the 8 MKBAs	32
4.13. Deliverable 12: Revenue Generation System for Fisheries Management Established and Effectively Implemented in Select LGUs	34
4.14. Deliverable 13: Sustainable Financing Programs for EAFM Implemented in Select LGUs in the 8 MKBAs.....	35
5. Site-Level Year 1 Accomplishments	36
5.1. Calamianes Island Group MKBA	38

5.2. Danajon Reef MKBA	45
5.3. Lingayen Gulf MKBA.....	50
5.4. Ticao Pass – Lagonoy Gulf – San Bernardino MKBA	54
5.5. South Negros Island MKBA	60
5.6. Surigao del Norte and Surigao del Sur MKBA.....	68
5.7. Tawi-Tawi MKBA	72
5.8. Verde Island Passage MKBA.....	79
6. Performance Synopsis.....	87
7. Initial Project Impacts	92

List of Tables

Table 1. Summary of Ecosystem Features, Opportunities and Threats in the Eight MKBA.....	4
Table 2. Main Relationship between Project Deliverables and Key Results.....	5
Table 3. Baselines, Performance Indicators, Targets and Accomplishments for Year 1	90

List of Figures

Figure 1. Map of the Eight Marine Key Biodiversity Areas (MKBAs) of ECOFISH	3
Figure 2. General Calendar of ECOFISH Activities and Interventions Highlighting Year 1 Activities and Period Covered by the Year 1 Report	7
Figure 3. ECOFISH Organizational Chart.....	92

Abbreviations and Acronyms

ADB	-	Asian Development Bank
ARMM	-	Autonomous Region of Muslim Mindanao
BFAR	-	Bureau of Fisheries and Aquatic Resources
BuB	-	Bottom-up-Budgeting
BRUMM	-	Bohol Rescue Unit of Marine Mammals
CBA	-	Cost Benefit Analysis
CCA	-	Climate Change Adaptation
CCEF	-	Coastal Conservation Education Foundation
CCT	-	Conditional Cash Transfer
CFRM	-	Coastal and Fisheries Resources Management
CI	-	Conservation International
CLEC	-	Coastal Law Enforcement Council
CLUP	-	Comprehensive Land Use Plan
COP	-	Chief of Party
COR	-	Contracting Officer's Representative
CRM	-	Coastal Resources Management
CRMP	-	Coastal Resources Management Project
CSR	-	Corporate Social Responsibility
CTI	-	Coral Triangle Initiative
CTI-PI	-	Coral Triangle Initiative - Program Integrator
CTI-SEA	-	Coral Triangle Initiative - South East Asia
DA	-	Department of Agriculture
DAP	-	Development Academy of the Philippines
DBM	-	Department of Budget and Management
DCOP	-	Deputy Chief of Party
DDBRMC	-	Danajon Double Barrier Reef Management Council
DENR	-	Department of Environment and Natural Resources
DILG	-	Department of Interior and Local Government
DOF	-	Department of Finance
EAFM	-	Ecosystem Approach to Fisheries Management
EBFM	-	Ecosystem Based Fisheries Management
ECOFISH	-	Ecosystems Improved for Sustainable Fisheries
EcoGov	-	Environmental Governance Project
EwE	-	Ecopath with Ecosim
FARMC	-	Fisheries and Aquatic Resources Management Council
FGD	-	Focus Group Discussion
FISH	-	Fisheries Improved for Sustainable Harvest Project
HELPS	-	Health, Education, Livelihood, Peace and Governance Synergy
GCM	-	Growth, Control and Maintenance Mechanism
FishR	-	National Program for Municipal Fisherfolk Registration
GPH	-	Government of the Philippines
HIPADA	-	Hinatuan Passage Development Alliance
ICM	-	Integrated Coastal Management
IEC	-	Information, Education and Communication

IR		Intermediate Result
IRR	-	Implementing Rules and Regulations
LCP	-	League of Cities of the Philippines
LGU	-	Local Government Unit
LMP	-	League of Municipalities of the Philippines
LOP	-	Life of Project
MAO	-	Municipal Agriculture Officer
MARINA	-	Maritime Industry Development Authority
MEAT	-	MPA Evaluation Assessment Tool
MERF	-	Marine Environment Resources Foundation, Inc.
MFI	-	Malampaya Foundation, Inc.
MFRS	-	Municipal Fisherfolk Registration System
MKBA	-	Marine Key Biodiversity Area
MIS	-	Management Information System
MOA	-	Memorandum of Agreement
MOU	-	Memorandum of Understanding
MPA	-	Marine Protected Area
MSN	-	MPA Support Network
MSU	-	Mindanao State University
NAMRIA	-	National Mapping and Resource Information Authority
NAPC	-	National Anti-Poverty Commission
NEDA	-	National Economic and Development Authority
NFARMC	-	National Fisheries and Aquatic Resources Management Council
NFI	-	National Fisheries Institute
NFR	-	NGOs for Fisheries Reform
NGA	-	National Government Agencies
NGO	-	Non-Governmental Organization
NSAP	-	National Stock Assessment Program
NSO	-	National Statistics Office
OEECC	-	Office of Energy, Environment and Climate Change
PAO	-	Provincial Agriculture Officer
PCG	-	Philippine Coast Guard
PCRA	-	Participatory Coastal Resource Assessment
PCSD	-	Palawan Council for Sustainable Development
PDP	-	Philippine Development Plan
PEMO	-	Provincial Environment Management Officer
PES	-	Payment for Ecosystem Services
PFI	-	Path Foundation Inc.
PFO	-	Provincial Fisheries Officer
PGENRO	-	Provincial Government Environment and Natural Resources Officer
PHE	-	Philippine Health and Environment Program
PNP	-	Philippine National Police
PO	-	People's Organization
PPP	-	Public-Private Partnership
QRT	-	Quick Response Team
REECS	-	Resources Environment and Economics Center for Studies, Inc.

RSBSA	-	Registry System for Basic Sectors in Agriculture
SAF	-	Special Activities Fund
SCTR	-	State of the Coral Triangle Report
SEP	-	Strategic Environmental Plan
SGIDS	-	Senior Governance and Institutional Development Specialist
SNCDMC	-	Southern Negros Coastal Development and Management Council
TK	-	Tanggol Kalikasan, Inc.
TWG	-	Technical Working Group
UNEP-GEF	-	United Nations Environment Programme - Global Environment Facility
UPVFI	-	University of the Philippines in the Visayas Foundation, Inc.
USAID	-	United States Agency for International Development
USDOI	-	United States Department of Interior
VA	-	Vulnerability Assessment
VIP	-	Verde Island Passage
VIPMC	-	Verde Island Passage Marine Corridor
WWF	-	World Wide Fund for Nature

1. Introduction

The technical assistance and services contract was awarded to Tetra Tech - ARD for the implementation of USAID/Philippines' Ecosystems Improved for Sustainable Fisheries (ECOFISH) Project in June 29, 2012, under contract number AID-492-C-12-00008. The main objective of the ECOFISH Project is to improve the management of important coastal and marine resources and associated ecosystems that support local economies. The ECOFISH Project is intended to foster fishing sector reforms through the application of the Ecosystem Approach to Fisheries Management (EAFM) in larger marine conservation areas and involving clusters of Local Government Units (LGUs). It will promote the growth and restore the profitability of fisheries through conservation of ecosystem health and effective management.

The ECOFISH Project is in line with the current U.S. Country Assistance Strategy with respect to assistance directed at reducing threats to biodiversity and improving natural resources and environment. The ECOFISH Project is expected to contribute to achieving "Development Objective 3: Environmental Resilience Improved," particularly "IR3.2 Natural Resources and Environmental Management Improved" of the results framework of USAID/Philippine Mission's Country Development Cooperation Strategy (2012-2016). The Project is also designed to contribute to priority goals and actions laid out in the Philippine Development Plan (2011-2016) particularly Chapter 4 (Competitive and Sustainable Agriculture and Fisheries), and Chapter 10 (Protection, Conservation and Rehabilitation of Environment and Natural Resources). This five-year project will provide technical assistance to the Government of the Philippines (GPH), through the Department of Agriculture – Bureau of Fisheries and Aquatic Resources (DA-BFAR) and implemented in partnership with selected LGUs.

This Annual Report for Year 1 documents the activities/interventions during the first five quarters of ECOFISH project implementation covering the period 01 July 2012 to 30 September 2013. It likewise describes strategies and start up activities in engaging implementation partners, as well as entry points in engaging the national partners and local government partners in the eight MKBAs. This initial five-quarter coverage will enable the Project to adjust to the USAID fiscal year reporting cycle. Subsequent annual reports will cover twelve-month or four-quarter periods.

2. Project Objectives

The main objective of the ECOFISH Project is to improve the management of important coastal and marine resources and associated ecosystems that support local economies. It will conserve biological diversity, enhance ecosystem productivity and restore profitability of fisheries in eight marine key biodiversity areas (MKBAs) using ecosystem approaches to fisheries management (EAFM) as a cornerstone of improved social, economic and environmental benefits.

The ECOFISH Project is designed to make an impact on eight (MKBAs) in the country (Figure 1), namely: (1) the Calamianes Group of Islands MKBA, (2) Lingayen Gulf MKBA, (3) Ticao

Pass - Lagonoy Gulf - San Bernardino MKBA, (4) Danajon Reef MKBA, (5) South Negros MKBA, (6) Surigao del Sur and Surigao del Norte MKBA, (7) Sulu Archipelago MKBA, and (8) Verde Island Passage MKBA. They represent all six marine bio-regions of the Philippines and were selected due to their extremely high need for marine biodiversity conservation. These areas are marine ecosystem “hotspots” in the Philippines that mirror the common issues impacting capture fisheries locally and nationally, namely:

- loss of marine biodiversity;
- declining fish stocks;
- high population growth;
- limited private sector investment;
- inconsistent policies and programs for sustainable fisheries; and
- weak institutional and stakeholder capacity to plan and implement fisheries management.

Although majority of project activities will cut across these eight MKBAs, implementation strategies, focus, priorities, and level of engagements may differ from place to place mainly because each MKBA has unique ecosystem features, opportunities, and threats. Table 1 shows the general ecosystem features, opportunities and threats in the eight MKBAs.

At the end of five years, the 13 ECOFISH project deliverables (see Table 2) are expected to lead to the following key results:

- A) An average of 10% increase in fisheries biomass across the eight MKBAs.
- B) A 10% increase in the number of people gaining employment or better employment from sustainable fisheries management from a baseline established at the start of the project.
- C) Establishment of a national capacity development program to enhance the capacities of LGUs and relevant national agencies to apply ecosystem-based approaches to fisheries management.
- D) Eight public-private partnerships supporting the objectives of the ECOFISH Project created and operating.
- E) One million hectares of municipal marine waters under improved management.
- F) A core of 30 LGUs across the eight MKBAs with improved capacity for implementing ecosystem approaches to fisheries management.

Table 2 presents the main relationship between the 13 deliverables and the six key results. Deliverables leading to Results C and D build the foundation for project activities. Those for Results E and F drive the implementation at the MKBA level, and taken together they attain the overall ECOFISH Results A and B.

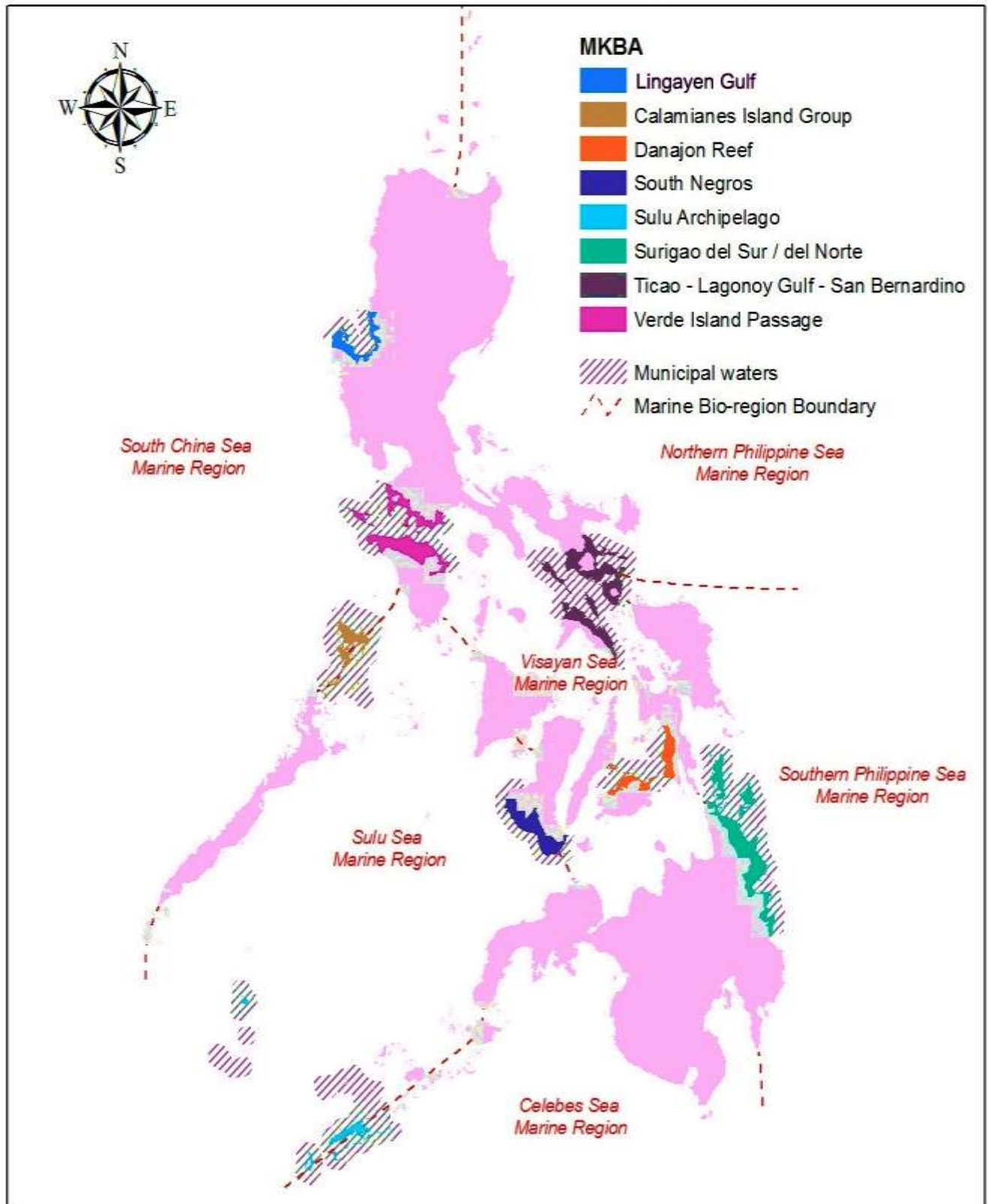


Figure 1. Map of the Eight Marine Key Biodiversity Areas (MKBA) of ECOFISH

Table 1. Summary of Ecosystem Features, Opportunities and Threats in the Eight MKBAs

MKBA	Ecosystem Features	Opportunities	Threats
Calamianes Island Group	70 percent of the coral and seagrass species recorded in the Philippines	Take advantage of focus on MPA management to support ecotourism and economic alternatives; collaborate and leverage work at CTI demonstration site.	Destructive fishing and uncontrolled live fish trade; one weak LGU reduces impact of inter-LGU alliance activities.
Danajon Reef	One of only three double barrier reefs in the Indo-Pacific region	Take advantage of strong provincial and municipal buy-in of CRM programs to further EAFM goals. Strong LGU alliances.	High fish demand lead to high fishing pressure and illegal fishing.
Lingayen Gulf	Extensive coral reef, seagrass, and soft bottom community supporting the rich fishing ground	Ability to identify specific protection and management interventions from long-term fisheries data sets; leverage high awareness due to past environmental programs to implement EAFM activities.	Severe overfishing and poor water quality in mariculture areas resulting in fish kills; lack of inter-LGU alliances.
Ticao Pass - Lagonoy Gulf - San Bernardino	Diverse small pelagic resources; important habitat for dolphins, dugongs, and whale sharks	Utilize long-term data for Lagonoy Gulf and Sorsogon Bay to identify specific interventions; take advantage of active university involvement to participate in project activities and development of employment from growing marine ecotourism sector.	Steep declines in fish stocks; encroachment of commercial vessels; complex marine ecosystem; lack of inter-LGU alliances.
South Negros Island	Deep water harbors large and small pelagic fishes	Begin to formalize and develop EAFM activities by building on long history of community-based marine protected areas.	No comprehensive assessment of capture fisheries; lack of inter-LGU alliances.
Sulu Archipelago	Rich ecosystem with massive network of coral reefs, seagrass beds and mangroves	Collaborate and leverage work at CTI demonstration site; begin the capacity building by capitalizing on increasing awareness on coastal and fisheries resource management.	Still weak management and law enforcement and lack of formal inter-LGU alliance agreements; unsustained support from some local governments.
Surigao del Sur and Surigao del Norte	Extensive deep water and shallow water coral reef, seagrass and soft bottom resources	Take advantage of strong inter-LGU alliances to leverage and increase fisheries interventions.	Upland erosion and siltation from mine tailings of nearshore impacting habitats.
Verde Island Passage	Considered the ‘center of the center’ of the world’s fish diversity	Long-term marine conservation initiatives by NGOs; CTI demonstration site.	Encroachment of commercial vessels, use of cyanide in aquarium fish collection.

Table 2. Main Relationship between Project Deliverables and Key Results

Tasks	Deliverables	Results	
		<p>Result A. An average of 10% increase in fisheries biomass across the eight MKBAs.</p> <p>Result B. A 10% increase in the number of people gaining employment or better employment from sustainable fisheries management from a baseline established at the start of the Project</p>	Final Outcomes
<p>Task 1. Establish and Implement a National Training Program</p> <p>Task 2. Provide Technical and Advisory Support at the National Level</p> <p>Task 3. Create Public-Private Partnerships</p>	<p>Deliverable 1. Policy Studies on EAFM, MPA, and Climate Change</p> <p>Deliverable 2: Toolkits, Sourcebooks, and Case Studies on EAFM, MPA, and Climate Change</p> <p>Deliverable 3: A National Database on EAFM Established Using the Annual Monitoring Data in the 8 MKBAs</p> <p>Deliverable 4: State of the Marine Resources Report</p> <p>Deliverable 5: National, Regional and Municipal EAFM Trainings Conducted</p> <p>Deliverable 6: Public-Private Partnerships Supporting ECOFISH Objectives Established</p>	<p>Result C. Establishment of a national capacity development program to enhance the capacities of LGUs and relevant national agencies to apply ecosystem-based approaches to fisheries management.</p> <p>Result D. Eight public-private partnerships supporting the objectives of the ECOFISH Project created and operating</p>	Build Foundation
<p>Task 4. Provide Technical and Advisory Support at the Local Level</p> <p>Task 5. Develop a Registry of Users of Municipal Fishing Waters</p> <p>Task 6. Identify and Implement Sustainable Financing Programs to Support EAFM Projects</p> <p>Task 7. Establish a Baseline on Coastal and Marine Resources and Relevant Socio-Economic Information, Develop and Apply Metrics on Monitoring EAFM Implementation in Target MKBAs</p>	<p>Deliverable 7: Bio-physical, Social and Economic Baseline Assessments of the 8 MKBAs</p> <p>Deliverable 8: Scientific Studies on Select MKBA- Specific Fish Species</p> <p>Deliverable 9: MPA Network Analyses in the 8 MKBAs</p> <p>Deliverable 10: Fisheries Management Plans of Select Inter-LGU Alliances in the 8 MKBAs</p> <p>Deliverable 11: Registry of Users of Municipal Fishing Waters Established in Select Municipal LGUs in the 8 MKBAs</p> <p>Deliverable 12: Revenue Generation System for Fisheries Management Established and Effectively Implemented in Select LGUs</p> <p>Deliverable 13: Sustainable Financing Programs for EAFM Implemented in Select LGUs in the 8 MKBAs</p>	<p>Result E. One million hectares of municipal marine waters under improved management.</p> <p>Result F. A core of 30 LGUs across the eight MKBAs with improved capacity for implementing ecosystem approaches to fisheries management.</p>	Implement Best Practices

3. General Work Plan Overview

Guided by the LOP Work Plan (ECOFISH Document No. 01/2013) and the Year 1 Annual Work Plan (ECOFISH Document No. 02/2013), this document describes the host of activities and interventions during the first 5 quarters that cover Year 1 of ECOFISH implementation, from 01 July 2012 to 30 September 2013. Major thrusts for this period include the following:

- Mobilize project resources and formalize engagement with implementation partners
- Establish offices and recruit staff in Manila, Cebu and the eight MKBAs
- Develop Life of Project Work Plan, Year 1 Work Plan, and Performance Monitoring Plan
- Conduct baseline assessments
- Start consultation with local partners on potential early fisheries management actions each MKBA
- Initiate early fisheries management actions
- Commence policy reviews and initiate collaborative arrangements for national policy improvements
- Consult with national partners on the establishment of ECOFISH Technical Working Group
- Develop institutional arrangements with stakeholder groups in each MKBA
- Initiate consultation with local and national partners on constituency building strategies

In the initial phase of project implementation, the startup activities were crucial in ensuring that all development partners were not just officially on board but, more importantly, were already involved in detailed planning of project interventions and supporting activities at various levels. The support of DA-BFAR at the national level is crucial in moving forward policy instruments to implement EAFM; and at the regional and provincial levels for the implementation of the suite of activities the Project intends to implement in the MKBAs. Dialogues with other agencies were also initiated at this early stage to define their roles and ultimately get their support for targeted activities within their respective mandates. In the eight MKBAs, ownership by local governments of the project is key to the success of initiatives at the site level. This has to start with the recognition by local government executives of the need to manage their fisheries and coastal resources, as well as a good understanding of the objectives of the project. The project team decided to go through a round of formal introduction of the ECOFISH Project to the LGUs and other local stakeholders, similar to a “roadshow”. This likewise served as benchmarking of the capacity of local partners to implement EAFM, as well as assessment of training and other capacity building needs of partner LGUs.

Baseline assessment, primarily for establishing the biophysical and socioeconomic status in the eight MKBAs has started. By the end of Year 1 all baseline data will have been collected and analyzed. The baseline information will not only serve as reference point for the project results, but will likewise be used for designing fisheries and socioeconomic interventions. The baseline collection activities were designed in such a way that they will also serve as startup information for capacity building programs (including the assessment of level of governance, training needs assessment and climate vulnerability assessment). The biophysical, socio-economic and governance information will likewise serve as basis for determining and setting in place early fisheries management actions as well as inputs to inter-LGU fisheries management planning.

The subsequent monitoring events in years 3 and 5 will provide the basis for measuring project results as well as evaluate the capacity of partners to implement EAFM.

Figure 2 summarizes the general calendar of ECOFISH activities and interventions for the life of project (showing a higher time resolution during the first year of the Project). Indicated in the figure is the period covered by this Annual Report for Year 1. These activities and interventions are planned to culminate during specific periods and their scheduled year of completion are described in the LOP Work Plan. The activities for this reporting period are mostly foundational work or initial steps that will lead to the accomplishment of the project deliverables.

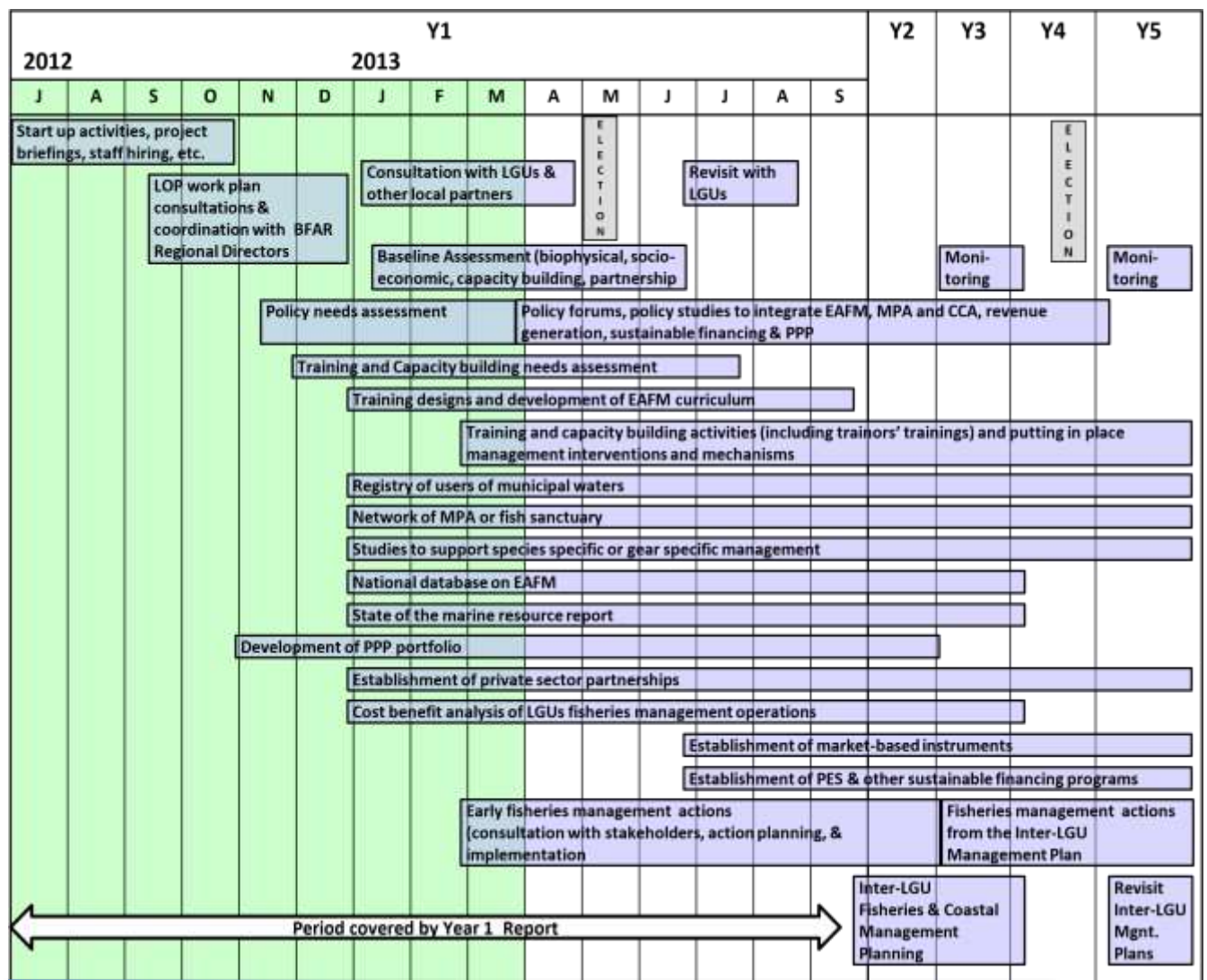


Figure 2. General Calendar of ECOFISH Activities and Interventions Highlighting Year 1 Activities and Period Covered by the Year 1 Report

4. Year 1 Accomplishments

4.1. Start-Up Activities

The ECOFISH Project was successfully launched last 17 October 2012 with the DA Secretary, USAID officials and staff, BFAR Director, regional directors, division heads and staff, and representatives of mass media, academic and research institutions in attendance. Over 200 guests witnessed the ceremonial unveiling of the ECOFISH Project site map showing the location of the eight marine key biodiversity areas (MKBAs) where ECOFISH will be implemented. In their keynote messages, the DA Secretary and BFAR Director committed to pursue BFAR's current institutional thrust and direction of enhancing fish productivity through resource conservation and management, while USAID's OEECC Chief declared the Agency's continued support to the government's initiatives at conserving biodiversity, natural resources and the environment. The launch activity was followed by an exhibit tour and press conference, as well as an orientation/consultation workshop on the ECOFISH Project.

Right after the launching activities, DA-BFAR regional directors in the ECOFISH project sites, concerned division heads, ECOFISH staff and project partners convened for the orientation workshop and initial consultation which sought to: (1) promote an understanding of ECOFISH objectives and scope; (2) level off expectations and understanding of focal area selection in the MKBAs; (3) identify existing activities in each of the MKBAs (generating information from partners, projects and NGOs for the purpose of establishing thematic and geographic synergies); (4) generate criteria from the perspective of the DA-BFAR regional directors in the identification of ECOFISH focal sites; and (5) identify candidate focal areas in each of the MKBAs. Large maps of the eight MKBAs were displayed around the conference room to serve as ready reference for discussions.

This formal orientation and initial consultation was followed by a more detailed consultation with BFAR National Section Heads and Regional Directors on the ECOFISH Life of Project (LOP) Work Plan during the BFAR Planning Meeting on 13 November 2012 at the DAP, Tagaytay City. This included a presentation of the details of the project deliverables, incorporation of comments and suggestions, and final selection of focal areas, expansion areas and replication areas of the Project. The 13 November 2012 consultation also served as the official starting date for the Site Coordinators to conduct formal orientation and consultations with LGU executives and other partners in their respective sites. Before that, ECOFISH site level activities were confined to short briefing sessions and introduction meetings with likely local partners. The BFAR Director explicitly instructed the ECOFISH team not to conduct any site activity before the go-ahead from the National and Regional Directors is secured. This is to avoid confusion and overlaps with other on-going as well as planned projects.

ECOFISH conducted an operational planning meeting involving all project staff during 18-20 December 2012 in Cebu City. Activities included briefing and discussions of the LOP, Year 1 Annual Work Plan and the results framework; enhancement inputs from thematic leads; detailed operational planning of site level work plan for the remaining part of Year 1; dialogue with the

BFAR Director on coordination and reporting requirements; and discussions with Site Coordinators on immediate next steps, reporting and other submissions, and schedules.

On 18 January 2013, the ECOFISH team presented the Year 1 Annual Work Plan to BFAR National Section Heads and Regional Directors. This half-day activity included the presentation of the details of Year 1 project deliverables, followed by discussion, incorporation of recommended changes and approval by the Regional Directors. Presentation and orientation about ECOFISH with the National partners (DA, DENR, DILG, NAPC, NEDA, LMP, NFR, PNP, PCG and various NGOs) followed in the afternoon.

From January to July 2013, the Project was introduced to partner LGUs and stakeholders by way of two-day orientation workshops in the eight MKBAs. These orientation workshops were attended by representatives from LGUs, NGAs, donor-funded projects and NGO/civil society from the following focal municipalities: (1) South Negros: Cauayan, Sipalay City, Hinobaan, Basay, Bayawan City, Santa Catalina, Siaton; (2) Lingayen Gulf: Agoo, Aringay, Bauang, Caba, Rosario, San Fernando City, Alaminos, Santo Tomas; (3) Calamianes Group of Islands: Coron, Busuanga, Culion and Linapacan; (4) Danajon Bank-Bohol: Buenavista, Clarin, Getafe, Inabanga, Tubigon; (5) Surigao del Norte: Surigao City, Taganaan, Placer, Bacuag, Gigaquit and Claver; (6) Tawi-Tawi: Bongao, Simunul, Panglima Sugala, Sapa-Sapa, Tandubas and South Ubian; (7) Verde Island Passage: Balayan City, Calaca, Calatagan, Lemery, Taal, San Luis, Mabini, Tingloy and Bauan; and (8) Ticao Pass - Lagonoy Gulf - San Bernardino: Bulan, Matnog, Santa Magdalena, Biri, Capul, and San Vicente.

In addition to introducing the ECOFISH Project to partners at the local level, these participatory two-day orientation workshops sought participants' inputs into the following: (1) status, identification and mapping of their fisheries and coastal resources and their resource uses; (2) identification and mapping of priority fisheries and coastal resource problems, issues and concerns; (3) identification/mapping of current fisheries and coastal resources management initiatives and projects; (4) assessment and benchmarking of local fisheries governance; and (5) development of action plans and identification of early management options primarily on very obvious fisheries intervention needs. The outputs of the orientation workshops were most useful in initially assessing governance levels of these municipalities and the management actions to be continued or undertaken.

The search for local and national champions for sustainable and responsible fisheries is ongoing. Discussions have been initiated with the League of Municipalities of the Philippines (LMP) to continue LMP's MOREFISH Program or Movement for Responsible Fisheries. Identification of champions at the local and national level took on a more accelerated mode upon completion of the national and local elections in May 2013. After the elections, ECOFISH immediately provided assistance to LMP's ONE-M in the training of newly-elected mayors. This training served as a venue for the Project to emphasize the need and importance of fisheries management.

A unique feature in ECOFISH's start up activity is the need to comply with specific requirements or clearances from autonomously governed areas in the Philippines, particularly the Autonomous Region of Muslim Mindanao (ARMM) and the Palawan Council for Sustainable Development (PCSD) where the Tawi-Tawi MKBA and the Calamianes Island Group MKBA

respectively belong. A meeting with the BFAR Regional Director of ARMM and the formal assignment and designation of a focal person for ECOFISH in the region has been completed for the Tawi-Tawi MKBA. However, the PCSD required from ECOFISH a Strategic Environmental Plan (SEP) clearance for the Project to be allowed to conduct its activities in the Calamianes Group of Islands. The SEP clearance system in Palawan is a requirement under Republic Act 7611 (Strategic Environmental Plan for Palawan Act). ECOFISH has already complied with the necessary documentation and the evaluation of the Project for SEP clearance is ongoing. PCSD, however, has kindly allowed the Project to go ahead with its operations while the clearance is being processed.

4.2. Deliverable 1: Policy Studies on EAFM, MPA and Climate Change

The focus of the policy support and capacity-building components for the first year of the Project was to build the foundation for working with government partners - primarily with BFAR at the national, regional and provincial levels, as well as with LGUs. This is to ensure that Project activities and outputs are aligned with the priorities of the partners, and contribute significantly to national and local efforts to implement EAFM. It is now clear to all partners that ECOFISH is a Project of the Philippine government, specifically that of BFAR, with support from USAID. As a result, BFAR has full support for the Project and will back the Project with its resources. In addition, the policies and programs designed by ECOFISH with BFAR acquire a national scope and significance (although the Project will only implement in its 8 sites) because project outputs are shared throughout the Bureau.

- Based on Year 1 targets, the Project completed the following key outputs:
 - (1) National policy for fisherfolk registration – National Program for Municipal Fisherfolk Registration (FishR) approved and implemented by BFAR nationwide;
 - (2) National policy on MPA protection – PNP-MG Adopt a MPA Program approved by the PNP-MG and currently negotiating collaboration in implementation with BFAR, DENR, CSOs and LGUs where the adopted MPAs are situated.
 - (3) National policy study on climate change adaptation and fisheries – draft policy paper building on CTI objectives and plans, and considering existing programs and activities of stakeholders. The paper points to the niche of ECOFISH on this issue.
 - (4) Policy forums on: climate change adaptation, administrative adjudication in Danajon Bank, response to ecosystem damage from oil spill in Cebu, closed season in VIP, sustainable financing and revenue generation for fisheries management and fisherfolk livelihood.

All Deliverable 1 targets were met except for 1 policy study on revenue generation, sustainable financing and PPP. The delay was caused by factors pertaining to the readiness of relevant partners. The Project has started working with NAPC on a national program for sustaining financing and alleviating poverty among fisherfolks (explained further below). This discussion will pick up in Year 2.

- The Project will continue with activities already started, to provide support to partners on the following:
 - (1) Monitoring progress of fisherfolk registration using standardized monitoring tools, and in coordination with boat and gear registration under EO305;
 - (2) Climate change impacts on fisheries resources and policies for resilient fisheries;
 - (3) Strengthening fisheries law enforcement through more effective administrative processes;
 - (4) National policy on closed seasons;
 - (5) National policy on alleviating poverty among fisherfolks through interventions that increase incomes of fisherfolks but consistent with EAFM.

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 1.

Deliverable 1: Policy Studies on EAFM, MPA and Climate Change					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct studies on EAFM policies and policy implementation in providing an enabling environment for EAFM					
Consultation meeting with BFAR Director and key BFAR units on priorities for policy studies		C			
FGD with BFAR, DA, DENR, DILG, LMP, NEDA, NFR and other key partners to validate priority policy studies and define their scope		C			
Conduct policy studies and draft relevant legal instrument to implement recommendations		O	O	O	C
Conduct national/regional consultations to validate study results			O	O	C
Submit policy studies to BFAR or other relevant implementing agency for consideration/adoption; monitor progress of agency consideration/adoption				O	C
Conduct policy forums with relevant stakeholder groups					
Consultation meeting with BFAR Director and key BFAR units on priorities for policy forums (e.g. on-going policy initiatives)		C			
FGD with BFAR, DA, DENR, DILG, LMP, NEDA, NFR and other key partners to validate priority issues for discussion		C			
Conduct national/regional forums on 2 of the priority issues; document discussions and recommendations		O	O	O	C
Share results of forums with key partners and general public				O	O
Conduct policy studies to integrate CTI themes, (EAFM, MPAs, and CCA) into existing policy instruments					
Review CTI's common regional framework for legislation and policy that would support EAFM, relevant legislative and policy priorities under the PDP		O	C		
FGD with BFAR, DA, DENR, DILG, LMP, NEDA, NFR and other key partners to validate priority policy studies and define their scope		O	C		
Conduct policy studies and draft relevant legal instrument to implement recommendations			O	O	C

Conduct national/regional consultations to validate study results			O	O	C
Submit policy studies to relevant implementing agency for consideration/adoption; monitor progress of agency consideration/adoption				O	O
Conduct policy studies on revenue generation, sustainable financing, and PPPs to support sustainable fisheries management					
FGD with BFAR, DA, DENR, DILG, LMP, NEDA, DTI, DOF, NFR and other key partners to validate priority policy studies and define their scope		O	C		
Conduct policy studies and draft relevant legal instrument to implement recommendations			O	O	O
Conduct scoping study and initial meetings with selected representatives of DOJ, DOF, DA, DTI and DBM on potential national fiscal instruments that can contribute to sustainable fisheries management and on existing fiscal instruments that are hampering sustainable fisheries management		O	O	O	O
Conduct national/regional consultations to validate study results			O	O	O
Prepare initial meeting materials for presentation to national government representatives (DOJ, DOF, DA, DTI, DBM)			O	O	O
Submit policy studies to relevant implementing agency for consideration/adoption; monitor progress of agency consideration/adoption				O	O
Team Lead: Senior Governance and Institutional Development Specialist, Chief of Party Key Partners: BFAR, DA, DENR, DILG, NEDA, DTI, DOF, DOJ, DBM, LMP, NFR, NFARMC, commercial fishing sector					

Highlights of key activities/accomplishments under Deliverable 1 during the reporting period include:

- Consultations with BFAR and key stakeholders have identified the following policy priorities: (1) municipal fisherfolk registration, (2) commercial boat registration, (3) capacity-building framework for LGU fishery personnel, (4) law enforcement capacity-building program, (5) livelihood support for municipal fisherfolk, and (6) national framework for closed seasons. In addition, ECOFISH continues to monitor other opportunities for policy support relevant to EAFM in BFAR, DENR and other agencies involved in protection of marine biodiversity and fisheries.
- The first national policy output of the Project is the National Program for Municipal Fisherfolk Registration (FishR). To respond to the request of BFAR, ECOFISH worked closely with BFAR, the League of Cities, League of Municipalities, DBM, NSO and PhilHealth to design FishR. FishR has been approved by BFAR and launched in May 2013. Since then, BFAR has issued implementing guidelines (FOO 2013-228), and conducted regional launch activities and trainings to facilitate the conduct of fisherfolk registration in all coastal LGUs nationwide. BFAR is providing financial assistance to LGUs for the implementation of FishR nationwide, and huge incentives (Php 2M) for the first 100 LGUs to complete registration. BFAR will use the fisherfolk registration as the foundation for its programs to assist fisher communities through the LGUs. The League

of Municipalities has issued a Memorandum urging its members to support FishR. There is also a supporting Memorandum from DILG pending approval.

- The second national policy output of the Project is the PNP-Maritime Group Adopt a MPA Program. The PNP-MG requested the Project to assist in the design of the program and how to implement it. After several meetings that were also attended by environmental CSOs, the DENR and BFAR, the PNP-MG has formally approved the Program (CMC 02-2013). PNP-MG also prepared a draft MOU with DENR, BFAR and ECOFISH for collaboration in implementing the program. ECOFISH will continue engagement with PNP-MG and provide training support and monitor implementation in the Project sites.
- The third policy output of the Project is a policy study on Climate Change Adaptation and Fisheries. The study builds on CTI work regionally and recommends the alignment of ECOFISH activities with the National Plan of Action that in turn contributes to achieving the regional goals. A forum where key actors in climate change policy development and project implementation shared their experiences and insights preceded the policy study. The policy paper points to some recommendations on studying the impacts of climate change on fisheries (a gap) and designing other EAFM interventions with a climate lens.
- ECOFISH is providing technical support for the Philippine Coast Guard to develop capacity for assessment of impacts of oil spill on coastal habitats. The Project engaged experts from UPV to help assess damage from the recent oil spill in Cebu. The Project participates in the review of PCG policies regarding oil spill response, with particular attention on damage assessment and rehabilitation.
- The Project initiated a regional forum on administrative adjudication (in Danajon Bank MKBA), noting that this law enforcement tool has been quite successful in curbing illegal activities that damage habitats and fisheries. However, some legal issues remain that need to be addressed. The initial report will be shared with the public in a national forum on the subject in Year 2.
- ECOFISH is working with Conservation International in studying and designing a closed season for small pelagics in the Verde Island Passage. A series of forums on the matter has been conducted. The LGUs and commercial fishers are willing to support a closed season. CI and ECOFISH will provide the scientific basis for the scope of the local policy. This can also potentially become a national policy if adopted by the BFAR as part of its national closed season framework.
- A roundtable discussion was held jointly with ADB's CTI-SEA project to discuss current government programs related to conditional cash transfer (CCT), and how such programs can be tapped to directly support sustainable fisheries management. NAPC's bottom-up budgeting (BuB) and the cash for work program were presented. ECOFISH is currently discussing with NAPC on how best to concretize the partnership between the Project and the agency, particularly in implementing the BuB in its MKBAs and how it can be tied with EAFM objectives.
- The Project is providing assistance to NAPC in developing a policy on sustainable financing and employment generation. NAPC is also in talks with the Project on the crafting of a National Poverty Reduction Plan in the Fisherfolk Sector. In essence, the Plan will lay out the roadmap on how to comprehensively address and alleviate poverty in the fisherfolk sector, to include all parts of the government bureaucracy needed to

realize the strategies. ECOFISH is providing support to NAPC, with the endorsement of the BFAR, in the design of interventions to increase fisherfolk incomes that are consistent with EAFM, following the PPP and social enterprise development strategies being implemented in the Project sites. This is in recognition of the fact that the widespread poverty in fishing communities drives overexploitation of resources and is one of the greatest threats to coastal marine biodiversity.

4.3. Deliverable 2: Toolkits, Sourcebooks and Case Studies on EAFM, MPA and Climate Change

The project team had a successful formal launch of the ECOFISH Project generating wholehearted support from the DA-BFAR community, academe and research institutions, partner NGOs, mass media and civil society. ECOFISH was introduced to partner LGUs by way of a two-day inter-LGU and stakeholder orientation workshop generating their commitments to partnership. The orientation workshops also provided initial information on governance levels of partner municipalities, information and training needs of LGUs, as well as early management actions/interventions to be continued or undertaken by the respective municipalities.

Based on Year 1 target, the Project completed the following outputs:

- (1) Draft framework for LGU Start-up Guide, which will be developed further as a publication in Year 2
- (2) Draft framework for EAFM Guidebook Series (toolkits)
- (3) Draft framework for a procedural handbook and an accompanying video for the Fish Examiner's Training, which will be written and produced in Year 2.

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 2.

Deliverable 2: Toolkits, Sourcebooks, and Case Studies on EAFM, MPA, and Climate Change					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Review existing toolkits (Municipal Fisheries Management source book (Volume 1), and other guidance					
Assist BFAR in launching ECOFISH Project among partners and stakeholders		O	O	O	C
Assist ECOFISH team in the conduct of “handshake activities” with partners and stakeholders to generate ownership of project objectives and initiatives		O	O	O	C
Review, reproduce/reprint where appropriate, previous FISH Project IEC materials for use at new MKBA sites		O	O	O	C
With partners, undertake scoping activities and formulate a strategic information, education, communication (IEC) plan at the national and site levels based on the Project's key result areas and capacity-building		O	O	O	O

goals. IEC plan to identify and establish learning and behavioral outcomes of IEC program					
Develop and produce EAFM start-up guide for LGUs					
Develop and produce initial IEC materials to establish ECOFISH Project identity and messages		O	O	O	O
Develop case studies on the integration of CTI themes (EAFM, MPAs, and CCA) at the site level					
Consultation among ECOFISH team members on the materials to be used for EAFM, MPA and CCA for the trainings in the MKBAs	O	C			
Consolidation of training materials to form the toolkit for the EAFM, MPA and CCA training for MKBAs		O	O	O	O
Development of MPA training, fisheries toolkits, etc. for the MKBAs		O	O	O	O
Development of Climate Change Adaptation training toolkits for the MKBAs		O	O	O	O
Development of EAFM training toolkit for the MKBAs		O	O	O	O
Produce popularized case studies/information materials at the site level integrating CTI themes on EAFM, MPAs, and climate change.			O	O	O
Activate/update monthly www.oneocean.org website to serve as the official website of ECOFISH Project; use website and social media as information channels of the Project.		O	O	O	O
Identify and initiate working relationships with "champions" and advocates of sustainable fisheries at the national and local levels		O	O	O	O
Expand EAFM constituency, identify and initiate alliances and synergy/partnerships with strategic sectors, public-private partnerships and social organizations at national and project site levels.		O	O	O	O
Develop Municipal Fisheries Management Toolkit series (update Volume 1, develop additional volumes)					
Evaluate and prioritize the update and next volume to be developed		O	O	O	C
Develop and produce Fishery Law Enforcement Procedural Handbook					
Review existing handbooks and manuals used directly or as reference by BFAR or LGUs in enforcing fishery laws		O	C		
Conduct an FGD with key personnel/agencies involved in the full range of enforcement continuum to identify printed materials needed for compliance promotion or enforcement		O	O	O	C
Develop draft of identified printed materials needed for compliance promotion and enforcement		O	O	O	O
Produce fishery law enforcement instructional video					
Review existing enforcement materials in video format		O	O	O	C
Conduct an FGD with key personnel/agencies involved in the full range of enforcement continuum to identify video materials needed for compliance promotion or enforcement		O	O	O	C
Develop a concept/story line for video production		O	O	O	O
Identify for showcasing, and as potential learning destinations, successful municipalities and communities implementing EAFM in MKBA sites to expand constituencies and promote strategic spread.			O	O	O

Team Lead: IEC Specialist, Senior Fisheries and Coastal Resource Management Specialist, Regulation and Enforcement Specialist, and MERF
Key Partners: BFAR, DILG, PNP, LMP, university network, NFR

Highlights of key activities/accomplishments under Deliverable 2 during the reporting period include:

- The two-day participatory orientation workshops were conducted in all **8** MKBAs, gathering local officials from the partner LGUs as well as representatives from non-government organizations, academic institutions, people's organizations and other donor-funded CRM/fisheries projects. The workshop also served as scoping activity for the information and training needs of partners at the local level. Through benchmarking exercises, (using benchmarks developed by the Fish Project), the workshops generated information on the various gaps in fisheries governance of the respective municipalities in each MKBA. It was quite clear that the concept of ecosystems approach to fisheries management was still vague to participants and underscored the need for more popularized information materials on what constitutes an ecosystems approach.
- It is anticipated that during the early part of Year 2, an information, education, and communication (IEC) program will be finalized at the national and site levels based on the Project's key result areas and capacity building goals. Information generated from the bio-physical and socio-economic baseline researches and from the orientation workshops conducted in the MKBA sites will serve as primary information for the development of these IEC plans.
- As part of the consultations to design a national capacity-building program for LGU fishery staff, ECOFISH conducted a review of existing toolkits (Municipal Fisheries Management Source Book - Volume 1), and other materials used by BFAR and training institutions. A framework for an EAFM Guidebook Series was formulated to consolidate the courses covered in the national training program. Comprising 12 topics or modules, the series will be written in "easy to follow and how to" format, and are envisioned to provide practical advice as well as specific tools in implementing EAFM on the ground at both LGU and inter-LGU level. The EAFM Guidebook Series will be preceded by the "EAFM Start-up Guide for LGUs" to serve as an overview to these EAFM tools. The start-up guide highlights the initial actions necessary for a more integrated, coordinated and collaborative approach to fisheries management on the part of LGUs.
- Project specialists reviewed, reproduced and reprinted previous FISH Project IEC materials for use at new MKBA sites. Reprinted the pamphlet "Go Easy on the Sea" for distribution during the launch activity and the orientation workshops in the eight MKBAs. Various collateral materials such as "Why protect coral reefs", "Why protect mangroves", "Why protect Seagrass Beds" and "MPA or Sanctuary: An effective tool for fisheries management" were likewise reproduced and distributed during the orientation workshops and various public events.
- Development of an LGU start-up guide on EAFM is also ongoing, using as initial basis the FISH Project-produced reference material "Managing Municipal Marine Capture Fisheries in the Philippines: Context, Framework, Concepts and Principles", as well as the various studies and references developed by MERF and partners, as well as the integration of CTI- developed modules on climate change adaptation (CCA). Various

information materials on ECOFISH were developed for use in the launch and subsequent orientation activities and also became the initial set of IEC materials for subsequent project activities.

- Brainstorming sessions have also been conducted with the Compliance and Enforcement Specialist regarding the production of a law enforcement training module and its accompanying instructional video. After consultations with BFAR, the Project decided to concentrate on the Fish Examiner's Training Manual and Video to complement existing instructional materials already produced by BFAR in partnership with US-DOI.
- The orientation workshops in the MKBAs also provided initial information regarding the potential of some sites as learning destinations for fisheries and coastal resource management. In addition to FISH Project sites, a good number of municipalities supported by other donors also showed potential to serve as learning destinations for educational/ study tours, cross visits and even tourism destinations. The Municipality of Ubay, Bohol continues to be a top learning destination for local officials from other regions and international visitors who want to learn from the successful implementation of coastal and fisheries management in Bohol.
- ECOFISH supported the review and finalization of the Fishery Law Enforcement Manual prepared by BFAR with support from US-DOI. Instead of developing another manual or handbook, ECOFISH will use the Manual in the training program and provide feedback to BFAR if further refinement of the Manual is needed.
- Initial consultations and studies were made to design a national capacity-building program for LGU fishery staff that is linked to the assistance packages that BFAR currently provides to the LGUs. The initial studies and consultations will guide the development of a structured training curriculum, which will initially be offered to partner LGUs in the Project sites. The training curriculum will incorporate all trainings conducted under the various components of the Project.
- The Project participated in various events organized by partners: observance of Fish Conservation Week (October), Month of the Ocean (May), Environment Month (June), CTI Day, International Coastal Cleanup (September), and such social mobilization activities as sea camps for the youth (Batangas), Dolphin Festival, US Ambassador's visit to Bohol, US Embassy's Eco Fashion Show. The Project was also represented in the various launch activities of FishR headed by the BFAR regional offices.
- The Project partnered with the League of Municipalities of the Philippines to support the training for newly elected mayors (ONE-M Program). ECOFISH supported the participation of five 'champion' mayors (and former mayors) who mentored the incoming mayors on environmental governance, especially in coastal resources and fisheries management. In supporting the ONE-M Program, ECOFISH was able to reach out to other LGUs outside of the 8 MKBAs to share best practices. The champion mayors were either mayors of FISH or ECOFISH partner LGUs or part of the MOREFISH champions formed by the FISH Project and LMP in the past.

4.4. Deliverable 3: A National Database on EAFM Established Using the Annual Monitoring Data in the 8 MKBAs

The immediate step in establishing a national database on EAFM at this early stage was to review existing fisheries databases used by national and regional agencies. Also, a review and further improvement of the fisheries database developed under the FISH Project was also conducted. This database was used by FISH Project to store and retrieve information on fisher registration, fishing craft registration, licensing of fishing operations, and catch and effort monitoring. The database is currently under the process of improvement and expansion to accommodate other database requirements of ECOFISH, such as inclusion of socioeconomic information, enforcement, and climate change adaptation parameters. Also, the database system will have to be linked with other systems such as the fisherfolk registration database, MPA Support Network (MSN) database and the USCTI initiated databases.

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 3.

Deliverable 3: A National Database on EAFM Established Using the Annual Monitoring Data in the 8 MKBAs					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Review existing fisheries database and identify additional types and sources of data needed for EAFM					
Inventory and evaluation of existing databases that support fisheries resources management and other EAFM components like information on socio-economics, enforcement, registration and licensing		O	O	O	C
Consultation with partners and agree on arrangements for the integration of information for the national database system			O	O	C
Develop national database					
Review and further improve the fisheries database developed under FISH Project and make it available for the rest of the MKBAs		O	O	O	O
Consult with BFAR and partners to integrate with database developed by BFAR (for the fisherfolk registration system)			O	O	O
Develop protocol for data collection & entry in the national database					
Consult with partners regarding data requirements, data forms, data collection and encoding system			O	O	O
Develop system of incorporating various sources into one national database			O	O	O
Test the database system in selected focal areas of MKBAs (until Year 2)				O	O
Develop protocols for fish catch monitoring system to become part of the National Stock Assessment Program					
Initiate agreement with NSAP on a system for integration of fisheries information from the MKBAs into the NSAP database				O	O
Develop protocols for benchmarking local EAFM					

Review EAFM benchmarking developed under FISH as well as other fisheries management monitoring systems developed by other institutions			O	C	
Integrate socioeconomics and enforcement benchmarks into the EAFM benchmarking system			O	O	O
Team Lead: Senior Fisheries and Coastal Resource Management Specialist, GIS-KIM Specialist Key Partners: BFAR, DILG, LMP, DENR					

Highlights of key activities/accomplishments under Deliverable 3 during the reporting period include:

- Conducted the inventory and evaluation of existing databases that support fisheries, particularly ecosystem approach to fisheries management (EAFM).
- Initiated the further development and improvement of the fisheries database system developed under the FISH Project and modification of features for the database to be compatible with the existing and future modified database of BFAR.
- Initiated the improvement and expansion of the fisheries database to accommodate other database requirements of ECOFISH such as inclusion of socioeconomic information, enforcement, and climate change adaptation parameters.
- Reviewed and improved EAFM benchmarking system developed under the FISH Project.

4.5. Deliverable 4: State of the Marine Resources Report

ECOFISH started with the review of the State of the Coral Triangle Report (SCTR), to determine the elements that the Project can contribute to, and start with them as the core of the proposed State of the Marine Resources Report. Towards the second half of the year, ECOFISH started conducting review sessions and workshops with partners to develop the framework and finalize task assignments among various partners for the development and drafting of various sections of the Report.

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 4.

Deliverable 4: State of the Marine Resources Report					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Review protocols and status of CTI efforts in knowledge management and State of the Coral Triangle Report					
Review the State of the Coral Triangle Report		O	O	C	
Determine the elements ECOFISH can contribute and the potential collaborating agencies and institutions			O	O	C
Develop a framework for the State of the Marine Resources Report with partners and informed by CTI efforts					

Present to partners the proposed elements of the State of Marine Resources Report			O	O	C
Develop with partners the framework and agree on specific tasks in developing the Report			O	O	C
Conduct workshops and review sessions with partners to develop sections of the Report					
Workshops with partners to finalize assignments for the development and drafting of various sections of the Report					O
Team Lead: Senior Fisheries and Coastal Resource Management Specialist, MERF, GIS-KIM Specialist					
Key Partners: BFAR, DENR, LMP, university network, WWF					

Highlights of key activities/accomplishments under Deliverable 4 during the reporting period include:

- The State of the Coral Triangle Report (SCTR) is still being drafted and is expected to be published by the USCTI in the coming months. Review of this document by ECOFISH can only be fully completed once the document is published. The review, however, of the initial working draft has been completed and indicates that the SCTR covers a broad range of elements relevant to the entire Coral Triangle Initiative, and fisheries is just one of them. ECOFISH's State of the Marine Resources Report will more or less follow a similar outline and pattern but focus more on the fisheries resources management issues and interventions.
- Discussed with MERF regarding the process of developing the framework for the State of the Marine Resources Report. It was agreed that a small core group will convene to develop the first draft of the outline and plan for the workshop with a larger range of partners to finalize the outline and the assignment of tasks for drafting of the various sections of the Report.
- Drafted the framework for the State of the Marine Resources Report with MERF and discussed with NFRDI the key elements as well as the process of populating the Report.

4.6. Deliverable 5: National, Regional and Municipal EAFM Trainings Conducted

ECOFISH conducted consultations with various partners regarding a comprehensive and integrated training program on sustainable fisheries resulting in a draft training curriculum for municipal fisheries technicians that is presently being refined and validated. The major “product” of these training programs are user-friendly toolkits on Ecosystems Approach to Fisheries Management (EAFM), Marine Protected Areas (MPAs) and Climate Change Adaptation (CCA) for LGUs. Consultations have likewise been conducted with the Regional Manager of the US Coral Triangle Initiative –Program Integrator (CTI-PI) regarding the integration of CTI training modules into the proposed curriculum.

ECOFISH conducted 34 trainings (not including PPP trainings) in Year 1, beginning with the LGU Orientation Workshop in each of the MKBAs, where LGUs measured their own baseline capacity in governance of coastal resources and fisheries. As a result of the governance baseline,

partner LGUs became aware of the key issues that need to be addressed and the priority actions to be taken.

The Project also conducted law enforcement assessment workshops in all the 8 MKBAs. Each of the LGUs came up with a map of law enforcement issues in their jurisdiction, a listing of top violators, a list of at least 8 reliable enforcement team members and a strategy to address the top 2-3 threats. While this is a very rough assessment and planning (to be refined further in other workshops), the LGUs are now ready to lay the foundation for a revitalized fisheries law enforcement in their area – such as establishing coordination with enforcement agencies, seeking funding, etc.

A number of residents in LGUs in the eight MKBAs were trained in the conduct of fisheries baseline assessment and socio-economic baseline assessment. These enumerators collect data and conduct interviews to measure fish catch and socio-economic conditions of fisher families.

ECOFISH also collaborated with NOAA, CTSP, and USAID-RDMA in the conduct of an Ecosystem Approach to Fisheries Management Course for Leaders and Decision-makers (EAFM-LEAD). The Course was designed to provide senior-level leaders with an understanding of the why, what, and how to implement EAFM at the national to local levels.

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 5.

Deliverable 5: National, Regional and Municipal EAFM Trainings Conducted					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct a training needs assessment					
Consultation meeting with BFAR Director and key BFAR units on priorities and scope of trainings needed	O	C			
FGD with BFAR, DA, DENR, DILG, LMP, NEDA, NFR and other key partners to validate priority training needs for national agencies and local governments		O	O	C	
Workshop with ECOFISH team to discuss results of needs assessment and response strategy		O	O	C	
Develop EAFM training curriculum					
Workshop with ECOFISH team to design curriculum		O	C		
FGD with BFAR, DA, DENR, DILG, LMP, NEDA, NFR and other key partners to validate scope and general content of training curriculum for national agencies and local governments			O	C	
Workshop with ECOFISH team and lecturers/trainers on scope and content of curriculum			O	C	
Conduct training needs assessment of partners in the MKBAs and develop a training program to enable them to implement various elements of EAFM					
Consultation with LGUs, NGOs and POs on the current state of fisheries management initiatives in the MKBAs			O	C	

Develop an inventory and priority of training requirements of partners to implement EAFM and target audience for each EAFM course			O	O	C
Develop a training program for various elements of EAFM including schedule of delivery through the Life of Project			O	O	O
Develop or refine training courses					
Workshop with ECOFISH team and lecturers/trainers on scope and content of relevant training courses under the curriculum			O	C	
Workshop (together with selected key partners) to field test training courses			O	O	O
Finalize and package training course materials (for trainers and trainees)			O	O	O
Design course/curriculum evaluation system				O	O
Provide complementary scientific and technical support in the training series for National Quick Response Team on fishery law enforcement					
Consultation meeting with BFAR Director and key BFAR units on priorities (sites, capacity level) on fishery law enforcement			O	O	O
Conduct a capacity building need assessment for members of the National BFAR QRT			O	O	O
Develop a menu of capacity building interventions for the QRT			O	O	O
Develop a training module and execute the module on pilot basis				O	O
Develop a trainers training program and execute on pilot basis in one MKBA				O	O
Provide support to QRT or any member of QRT who has opportunity to be trained in a relevant specialized skill				O	O
Conduct national training for NQRT (participants include those from priority sites)			O	O	O
Design/enhance evaluation system and conduct evaluation of training				O	O
Prepare schedule and tasking for training series for MKBA QRTs				O	O
Team Lead: Senior Governance and Institutional Development Specialist, IEC Specialist, Senior Fisheries and Coastal Resource Management Specialist, Regulation and Enforcement Specialist Key Partners: BFAR, DENR, Philippine Coast Guard, PNP, NFARMC and LMP					

Highlights of key activities/accomplishments under Deliverable 5 during the reporting period include:

- In several meetings with the BFAR National Director, Regional Directors and key BFAR units, the project team discussed priorities and scope of trainings to be conducted under the Project and how these can be integrated into the proposed national capacity-building framework for LGUs that BFAR wants to implement. BFAR's interest is that the LGUs develop the technical and administrative capacity to absorb the assistance packages provided by BFAR to the fisheries sector through the LGUs.
- ECOFISH conducted "Benchmarking" consultation-workshops in all eight MKBAs, which brought together LGU partners and local representatives of national agencies and civil society to discuss the state of fisheries and coastal management in their area and identify policy and capacity-building priorities. The Benchmarking workshops were able

to draw the governance baselines (using pre-designed indicators) that will be used to measure progress of LGU partners in developing their capacity for implementing EAFM. Based on the results of these workshops, ECOFISH will design locally-appropriate policy development and training activities that will be linked to other Project interventions such as fisheries and biodiversity assessment, socio-economic assessment, MPA networking, fisheries management planning, etc.

- The ECOFISH team worked closely with BFAR national units and Regional offices to review existing training programs and develop initial ideas for institutionalizing capacity-building for LGU fisheries staff using a comprehensive, structured, but locally-responsive curriculum that can be used for continuous capacity-building of LGUs. The initial consultations will guide ECOFISH in designing a curriculum, with specific courses, that will be initially offered to ECOFISH partner LGUs. ECOFISH is also exploring a partnership with national and local institutions of higher learning to incorporate or adopt the ECOFISH training curriculum as part of advanced degree programs.
- Project specialists met with key BFAR officials to discuss priorities on fishery law enforcement training, especially for the QRTs that BFAR has enlisted. The initial idea is for the national and regional QRTs to join the Project trainings related to law enforcement and act as resource persons or co-trainees. However, it appears that the QRTs are not yet confident enough to be trainers. We have not initiated a formal assessment of the capacity of QRTs (which BFAR should spearhead, if needed), but instead, will make the assessment of individual QRT members in the project sites as part of the design of trainings in each of the MKBAs.
- Law enforcement capacity assessment workshops were conducted in the project sites. However, this was participated mainly by LGU representatives, with regional QRT in attendance, where available. QRT role in trainings is still not clear pending organizational restructuring in BFAR.
- In consultation with BFAR, ECOFISH will work with US-DOI assistance to prepare a comprehensive Fisheries Law Enforcement Training Program that will outline the administrative, logistical and substantive aspects of BFAR's training program for its own fish wardens as well as LGU accredited *bantay dagats*. Under this framework of FLE Training, ECOFISH will prepare the training program for Fish Examiners – which has been identified as a gap. This training is critical for enforcement against blast fishing that has been identified as a primary threat to ecosystems and fisheries in many MKBAs.
- ECOFISH has been instrumental in establishing linkages among LGUs and law enforcement agencies in the project sites through the law enforcement capacity assessment workshops and simple 'handshake' meetings. This has resulted in renewed interest and willingness to cooperate in fisheries law enforcement. For example, in Tawi-Tawi, ECOFISH brought together the local commanders of the PNP, PNP-MG, Navy, and PCG with the Governor and other LGU officials to talk about immediate measures to curb illegal fishing, especially blast fishing, using an InfoBoard system provided by Smart Communications under a PPP arrangement. In Coron, meetings with PNP-MG and LGUs resulted in deployment of a boat of the PNP-MG to Calamianes to strengthen enforcement.
- The Coastal Vulnerability Assessment and Climate Change Adaptation Trainors Training was conducted on September 23-27, 2013 for ECOFISH Site Coordinators and selected partners.

4.7. Deliverable 6: Public-Private Partnerships Supporting ECOFISH Objectives Established

Over the course of Year 1, ECOFISH established its PPP Strategy, identified a range of strategic partnership opportunities, facilitated negotiations for 4 major PPPs, and formalized its first PPP last July 2013 with the Department of Science and Technology's Information Communication Technology Office (DOST-ICTO) and Microsoft entitled "TV White Space Supported Fisherfolk Registration in the Danajon Reef".

Scoping and mapping exercises were also completed across all the 8 MKBAs where various livelihood priorities and enterprise opportunities at the community level were identified alongside community champions. Community partnership trainings were also held for the Calamianes and Southern Negros MKBAs, generating a total of 25 draft business plans, 18 of which are to be mentored.

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 6.

Deliverable 6: Public-Private Partnerships Supporting ECOFISH Objectives Established					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Develop portfolio of PPPs					
PPP mobilization, staff recruitment and training	O	C			
Identify strategic partnership opportunities using STEP Rapid Partnership Appraisal and Partnership Scorecard. Tourism assessment	O	O	C		
Develop strategic partnerships. Conduct partner negotiations, prepare MOUs, and conduct partnership forums	O	O	O	O	O
Develop community partnerships. Analysis of community partnership. Adapt STEP Community Partnership Module		O	O	O	O
Capacity building. Staff, Site Coordinators and stakeholders training and mentoring		O	O	O	O
Establish private sector partnerships					
Conduct scoping activities on which communities can be tapped for potential PPPs		O	O	O	C
Conduct scoping activities on potential private sector partners for PPPs in ECOFISH MKBAs		O	O	O	C
Conduct scoping activities to identify alternative livelihood schemes aside from PPPs for fishing communities			O	O	O
Team Lead: : SSG Advisors Partnership Specialist, Senior Resource Economics Specialist, REECS, SSG					
Key Partners: BFAR, private sector, LGUs					

ECOFISH is expected to establish a portfolio of PPPs per MKBA consisting of strategic and community partnerships. Highlights of key activities/accomplishments under Deliverable 6 during the reporting period include:

- Developed and submitted the ECOFISH PPP Strategy, outlining the methodology to be adopted and the core issues, challenges and opportunities to be addressed under the ECOFISH Project through PPPs.
- Developed and submitted the ECOFISH Community Partnership Strategy, outlining the Project's detailed approach for establishing community partnerships through scoping and mapping exercises and the roll-out of 3 standardized training modules: Introduction to Community Partnerships, Community Business Planning, and Community Mentorship ("ECOFISH Business Network").
- Conducted a Rapid Partnership Appraisal of potential strategic partnerships with private sector entities, and submitted the ECOFISH Rapid Partnership Appraisal Document, including a Partnership Scorecard outlining 15 "quick-win" partnerships and "higher impact" partnerships for potential development through Years 1-3 (as consulted through a "gating" process with ECOFISH key personnel).
- Conducted scoping and mapping exercises across all 8 MKBAs and identified livelihood priorities and enterprise opportunities, as well as engaged key local government and community stakeholders and champions for future community partnership development, training and implementation.
- Participated and served as resource person during the Department of Interior and Local Government Region IV-B event "Accelerating External Sources of Financing for Calamianes Municipalities' Local Infrastructure and Development Projects" on April 12, 2013
- Conducted community partnership trainings in the Calamianes and Southern Negros MKBAs where over 80 stakeholders representing key people's organizations, NGOs, the private sector and local government participated and developed a total of 25 draft business plans.
- Screened and gated the 25 draft business plans and identified 18 to be mentored under the ECOFISH Business Network which will facilitate access to possible support from strategic partners including the private sector, NGOs, the academe, and government organizations such as the Department of Social Welfare and Development and the National Anti-Poverty Commission.
- Received a total of 47 Letters of Commitment from champions corresponding to the 25 draft business plans.
- Formalized ECOFISH's first PPP entitled "TV White Space Supported Fisherfolk Registration in the Danajon Reef: a PPP between ICT Office-Microsoft-ECOFISH and trial for mobile registration under the National Program for Municipal Fisherfolk Registration".
- Drafted and circulated more than 8 concept notes for prospective PPPs with the Philippine Association of Crab Processors, Inc. (PACPI), SMART Telecommunications, First Gen, Chevron, Ayala Foundation, Hikari & Domicillo, Asian Institute of Management, and Mobile Movement.
- Negotiated, drafted and circulated 4 MOUs among major strategic partners, for the following PPPs: "TV White Space Supported Fisherfolk Registration in the Danajon

Reef”; “Species Specific Assessment of Blue Swimming Crab in Bohol: a PPP between Bohol Province-PACPI-USAID”; “Training for Public-Private Partnerships: a PPP between Development Academy of the Philippines and USAID”, and “Enhanced Enforcement Operations through INFOBOARD: PPP between SMART-USAID-Tawi-Tawi Enforcement Community”

A major target for this component is the leveraging of a total amount of US\$ 8 million (equivalent to about PhP 344 million) for the partnerships developed during the entire life of the project. For Year 1, ECOFISH has leveraged an estimated total of PhP 28.1 M so far in resources for the mobilization of the PPP “TV White Space Supported Fisherfolk Registration in the Danajon Reef”. This is broken down in more detail below. It is anticipated that these estimates will increase upon implementation.

Partner	Contribution	Resources Leveraged
DOST-ICT Office	Capital Expenditure (1) TV White Space Spectrum Database (2) Customer Premise Equipment (TV White Space Radios) (3) Support infrastructure to transform public schools into mobile registration hubs (4) DOST support infrastructure	Php 25 M
	Operational Expenditure (1) Man hours (5 meetings with at least 5 senior officials, est. USD 500/day)	Php 0.5 M
Microsoft-Philippines	Capital Expenditure (1) 50 Acer Tablets (2) 50 Acer Tablet Keyboards	Php 1.5 M
	Operational Expenditure (1) Man hours (5 meetings with at least 3 senior officials, est. USD 500/day) (2) MOU Signing Event Coverage (3) Mobile Registration Application Development	Php 1 M
Bohol Province and LGUs	Operational Expenditure (1) Participation in preparatory events and MOU Signing	Php 0.1 M
	TOTAL	PhP 28.1M or US\$ 0.6M

4.8. Deliverable 7: Bio-physical, Social and Economic Baseline Assessments of the 8 MKBAs

The Project team finalized the scope of work for baseline assessments and agreed on the methodologies to be used. The Baseline Assessment Plan is currently being finalized to serve as basis for the collection of data during this base year and subsequent collection of data during the

monitoring events (2015 and 2017). To measure key project results, the team initiated collection of information that will establish the fisheries biomass (using fishery-dependent surveys and MPA assessment methods) and information that will establish employment or better employment using variables that will indicate economic wealth both at the household and community levels. Collection of other parameters to be monitored during the life of the Project such as the capacity of local governments to implement EAFM and improvement in law enforcement capabilities were likewise initiated.

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 7.

Deliverable 7: Bio-physical, Social and Economic Baseline Assessments of the 8 MKBAs					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct fisheries baseline assessment and monitoring					
Identify and finalize focal areas in the MKBAs	O	O	C		
Coordination with LGUs covering the selected focal areas		O	C		
Hiring and training of personnel		O	O	C	
Selection and finalization of sampling sites		O	O	C	
Data collection		O	O	O	C
Data encoding and analysis				O	O
Conduct MPA baseline assessment and monitoring (as part of MPA establishment)					
Identify and finalize focal areas in the MKBAs		O	C		
Coordination with LGUs covering the selected focal areas		O	C		
Hiring and training of personnel		O	O	C	
Selection and finalization of MPA sites		O	O	C	
Data collection		O	O	O	C
Data encoding and analysis				O	O
Conduct socio-economic baseline assessment and monitoring					
Conduct scoping activities in 8 MKBAs, to determine where assessments are already available and where to conduct primary surveys, gather locally available data		O	C		
Conduct FGDs, KIIs and household surveys in MKBAs			O	O	C
Data encoding and analysis				O	O
Conduct enforcement baseline assessment and monitoring					
Develop instrument for conducting baseline for enforcement		O	C		
Conduct workshop/FGD to establish baseline and benchmarks			O	O	C
Conduct governance baseline assessment and monitoring using benchmarking system in MKBA focal area LGUs					
Review LGU benchmarking developed under FISH and EAFM benchmarking developed under CTI		O	O	C	
Agree and develop with team partners the standard benchmarking to use			O	O	C
Field testing of benchmarking process in selected MKBAs				O	C
Team Lead: Senior Fisheries and Coastal Resource Management Specialist, MERF, Senior Resource Economics Specialist, GIS KIM Specialist Key Partners: BFAR, NSAP, University network					

Highlights of key activities/accomplishments under Deliverable 7 during the reporting period include:

- Fisheries baseline collection in the eight MKBAs has been completed. Trainings on fisheries catch and effort collection for enumerators were conducted during the first week of the baseline schedule. Data collection lasted for three months each for all MKBAs.
- Similarly, MPA baseline collection has been completed except for the Tawi-Tawi MKBA which is still to commence this November. The recent armed confrontations in Zamboanga City has caused the rescheduling of all activities in the Tawi-Tawi MKBA.
- Data encoding and analysis of both fisheries and MPA baseline data are on-going.
- Socio-economic baseline surveys were completed in all eight MKBAs. Six MKBAs covered 3 municipalities each, while one MKBA had four and one had five municipalities covered. Six barangays were covered for each municipality, with 30 households surveyed in each barangay. Over five thousand (5,000) households have been surveyed.
- FGDs were conducted in each of the focal areas for all MKBAs. The FGDs revealed information on natural resources present in the area, CRM experiences, and pressing issues with respect to socio-economics, enforcement, and governance. Potentials for revenue generation, bottom-up budgeting proposals and PPPs, along with options for value chain studies were discussed. All this information will feed into the work to be undertaken during the succeeding years of the Project.
- Data from the socio-economic baseline surveys has been encoded. Analysis is still being undertaken, and the results will be packaged into a baseline report to be submitted and disseminated before the end of 2013.
- The enforcement and governance baselines and benchmarks were completed during the consultations/"roadshows" conducted across the 8 MKBAs.

4.9. Deliverable 8: Scientific Studies on Select MKBA-Specific Fish Species

As indicated in the LOP Work Plan, scientific studies to support species-specific and gear-specific fisheries management interventions will peak towards Years 2 and 3. The identification of these species, fisheries commodities, fishing gears, or issues that require scientific studies will be guided by information generated from the baseline assessment activities, focus group discussions, fisheries profiles, and existing fisheries management plans of LGUs in the 8 MKBAs. The recent ECOFISH orientation and benchmarking activities have also generated initial information to be used with LGUs or cluster of LGUs to formulate early fisheries management actions.

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 8.

Deliverable 8: Scientific Studies on Select MKBA-Specific Fish Species					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Determine and establish trophic interactions and appropriate fishing effort configuration using Ecopath model (Year 1 for former FISH Project focal areas)					
Develop trophic models for MKBAs covering former FISH Project areas		O	O	O	O
Develop various choice scenarios on effort configuration in former FISH Project sites			O	O	O
Consultation with stakeholders on establishing appropriate fishing effort in former FISH Project sites				O	O
Identify species-specific or fishing gear studies based on results of baseline assessment (in new MKBA focal areas)					
Study on the effect of perturbation (e.g. fishing pressure, habitat degradation) on the status of the population and stocks of important target species				O	O
Determine economic values and perform cost-benefit analysis in MKBA focal area LGUs					
Set up database and gather locally available secondary data for CBA, establish baselines (can be combined with the baseline assessments)				O	O
Team Lead: Senior Fisheries and Coastal Resource Management Specialist, MERF, Senior Resource Economics Specialist Key Partners: BFAR, SEAFDEC, University network (SAF may be used to support these institutions)					

Highlights of key activities/accomplishments under Deliverable 8 during the reporting period include:

- The activities under this deliverable are mostly start-up activities primarily to establish the trophic interaction to ultimately determine the fishing effort configuration for the cluster of municipalities in the focal areas. Information collected during the FISH Project provided the information for establishing the trophic interactions specific for those sites.
- The activities for year 1 included compilation of database of basic inputs and results of Philippine Ecopath with Ecosim (EwE) models, South East Asian models, tropical reef models, and other marine systems models; compilation of mortality rates and exploitation ratios (Z, M, E) of fishes from studies of various Philippine fishing grounds; and revisit of Danajon Bank 2010 EwE model, recalibration of inputs and review of outputs.
- The framework for the models for the former FISH Project sites are already completed and will be updated as soon as recent information from baseline data collection are available.
- Local governments and organizations involved in the management of the Verde Island Passage Marine Corridor (VIPMC) has tasked ECOFISH to provide the scientific and technical advise for VIP fisheries initiatives, particularly on the establishment of a “closed season” for small pelagics in the area. The team designed the action research to determine the appropriate “no take” period, develop the guidelines to set up the intervention, and provide scientific advise during its implementation. Data collection on gonadal maturity for important small pelagics commenced in September 2013 and will

end in January 2014, the general spawning period identified by the stakeholders. The gonadal maturity data collected will be analyzed to provide the basis for the specific seasonal closure recommendations.

4.10. Deliverable 9: MPA Network Analyses in the Eight MKBAs

MPA network analyses for sites not covered under the FISH Project are scheduled for completion by the second year of project implementation. At this stage, activities are focused mainly on initial steps that will lead to the establishment of individual MPAs and preparation for MPA baseline assessments. In the former FISH Project sites, networks of MPAs were established but recent surveys indicate that management of many component MPAs were not sustained. The project team decided to subject these MPAs to an assessment and evaluation process using the MPA Evaluation and Assessment Tool (MEAT). Details of these are given Section 5 (Site-Level Accomplishments).

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 9.

Deliverable 9: MPA Network Analyses in the Eight MKBAs					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct hydrodynamic study and dispersal modeling					
Develop hydrodynamic models for selected network of MPA sites					
Conduct site activities to perform water current studies					
Develop particle tracking models					
Develop MPA network design (includes climate change adaptation strategies)					
Draft MPA network design			O	O	O
Consult with partners until finalization of the MPA network design			O	O	O
Establish MPA network in new MKBAs					
Conduct partner consultations and meetings to set up component MPAs as part of the network			O	O	O
Develop plan to implement component MPAs including tasking, and financing			O	O	O
Strengthen MPA networks in existing MKBA focal areas					
Evaluate existing MPA networks established during FISH Project and determine activities to restore or strengthen the networks			O	O	O
Develop customized capacity building program for MPA networks to promote compliance and enforce regulations			O	O	O
Team Lead: Senior Fisheries and Coastal Resource Management Specialist, MERF					
Key Partners: BFAR, University network (SAF may be used to support local colleges)					

Highlights of key activities/accomplishments under Deliverable 9 during the reporting period include:

- Finalized with MERF the scope of work and spatial coverage of the MPA network analysis for the new sites and the necessary modifications for the former FISH Project sites.
- Initiated with site managers the inventory of existing MPAs in the focal areas of the MKBAs and the review of the status of MPAs and the network of MPAs in the former FISH Project sites.
- Evaluated existing MPAs using the MPA Evaluation and Assessment Tool (MEAT).

4.11. Deliverable 10: Fisheries Management Plans of Select Inter-LGU Alliances in the Eight MKBAs

As indicated in the LOP Work Plan, the bulk of project activities to support the inter-LGU fisheries management planning process will be in the second and third year of project implementation. However, gathering and review of existing LGU specific and inter-LGU coastal and fisheries management plans, as well as revisit of integrated management plans of municipalities and clusters of municipalities in the former FISH Project, were already initiated including the evaluation of their enforcement capacities and response capabilities. The ECOFISH orientation and benchmarking exercise also provided the team with good insights into the suite of necessary activities and their prioritized sequence to ultimately run the process of developing the inter-LGU management plans. Site Coordinators have started the gathering and review of the management plans (details are in Section 5, Site-Level Accomplishments).

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 10.

Deliverable 10: Fisheries Management Plans of Select Inter-LGU Alliances in the Eight MKBAs					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct integrated coastal and fisheries management planning for cluster of municipalities or LGU alliances					
Revisit and review existing integrated coastal and fisheries management plans of sites under FISH and assess with partners and stakeholders the aspects that need to be revived, improved or strengthened			O	C	
Develop a set of next steps activities to respond to the findings of the review and assessment in former FISH Project sites			O	O	O
Conduct activities to revive or strengthen inter-LGU CFRM initiatives in former FISH Project sites				O	O
Initiate the introduction of schemes for right sizing of fishing effort in former FISH Project sites				O	O
Initiate inter-LGU planning process in new MKBAs				O	O
Provide scientific and technical support in the establishment of coastal and fisheries law enforcement teams (new sites)					
Conduct an inventory of enforcement capacities and response capabilities of select LGUs			O	O	O

Conduct refresher courses on fishery law enforcement as intermediate step in establishing enforcement teams through a combination of peer learning and conventional methods				O	O
Conduct trainers training in former FISH sites and identify potential trainers				O	O
Strengthen coastal and fisheries law enforcement teams (former FISH sites)					
Seek all means possible to acquire materials and other kinds of cash and non-cash support to established local enforcement teams		O	O	O	O
Promote peer-to-peer learning through cross visits to MKBAs with similar issues			O	O	O
Provide support to any member or team who has opportunity to be capacitated by other agencies/projects				O	O
Establish a reward and sanction system to increase transparency and accountability				O	O
Build/strengthen inter-LGU regulatory compliance and enforcement capabilities					
Conduct joint operations planning for cluster or alliance of LGUs			O	O	O
Seek all means possible to acquire materials and other kinds of cash and non-cash support to established inter-LGU enforcement teams				O	O
Promote peer-to-peer learning through cross visits to MKBAs with similar issues				O	O
Provide support in documenting best practices			O	O	O
Leverage with other projects or private/public programs that will ensure sustainability of inter-LGU alliance				O	O
Assist in developing compliance promotions and enforcement strategies				O	O
Team Lead: DCOP, Senior Fisheries and Coastal Resource Specialist, Regulation and Enforcement Specialist					
Key Partners: BFAR regional and provincial offices, provincial governments and PNP					

Highlights of key activities/accomplishments under Deliverable 10 during the reporting period include:

- Gathered and reviewed existing individual LGU and inter-LGU coastal and fisheries management plans.
- Revisited and reviewed integrated management plans of municipalities and cluster of municipalities formulated under the former FISH Project.
- The assessment of enforcement capacities and response capabilities of cluster of LGUs that constitute the ECOFISH focal areas are completed in 5 MKBAs and on-going in the remaining 3 MKBAs.

4.12. Deliverable 11: Registry of Users of Municipal Fishing Waters Established in Select Municipal LGUs in the 8 MKBAs

Fishery registration is an important control mechanism of the Growth, Control and Maintenance (GCM) package of interventions. The purpose of the registry of users of municipal waters is to

maintain an inventory of fishers, fishing boats, and gears used for the ultimate purpose of using the information for managing the fisheries.

In Year 1, ECOFISH began laying down the foundation for the registration system that will provide input in fishing effort right-sizing. The Project worked with BFAR to design and implement fisherfolk registration, which should be substantially completed by 2014. The legal authority of local governments to register fishing boats below 3 GT under EO305 has been upheld. ECOFISH has started scoping for a nationally applicable locally implemented system of boat and gear registration that seamlessly links with the fisherfolk registration system.

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 11.

Deliverable 11: Registry of Users of Municipal Fishing Waters Established in Select Municipal LGUs in the 8 MKBAs					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Registration and licensing training and drafting of ordinance					
Revisit and review existing registration and licensing system of sites under FISH and assess with partners and stakeholders the aspects that need to be revived, improved or strengthened		O	O	O	C
Develop a set of next step activities to respond to the findings of the review and assessment in former FISH project sites			O	O	O
Conduct activities to revive or strengthen registration and licensing system in former FISH project sites				O	C
Draft an assessment tool/instrument to gauge registration and licensing success/failure at the LGU level			O	O	C
Pilot test the assessment tool in select LGUs				O	O
Develop strategy to enhance registration system either through amendment to ordinance or manner of enforcing registration ordinance				O	O
Develop proto-types of model registration and licensing ordinance to cater to different scenarios/conditions				O	O
Registration systems component of national database developed and deployed to LGUs					
Review effectiveness of current system and recommend improvements			O	O	C
Develop field for a national data base on registration out of FGD or key informants				O	O
Training on use of registration system in each MKBA for management					
Develop training module on registration and licensing			O	O	O
Develop criteria in prioritizing LGUs requiring training				O	O
Team Lead: Regulatory and Enforcement Specialist, Senior Fisheries and Coastal Resource Management Specialist.					
Key Partners: BFAR, LMP, MKBA LGUs					

Highlights of key activities/accomplishments under Deliverable 11 during the reporting period include:

- ECOFISH conducted an informal (anecdotal) review of implementation of registration and licensing in partner LGUs in the hope of designing measures to increase compliance and efficiency.
- ECOFISH made a breakthrough when it linked BFAR to DBM and NSO to share similar efforts in registering fishers. After several meetings, BFAR decided that the existing fisherfolk registration system should utilize the data already gathered under the RSBSA. ECOFISH provided assistance in developing the details of implementation to enhance the existing BFAR registration system with the RSBSA data. The result is the National Program for Municipal Fisherfolk Registration (FishR).
- In Year 1, the registration efforts were focused on getting LGUs to complete the municipal fisherfolk registration. There was no need to conduct trainings in the project sites because BFAR is conducting the trainings for all LGUs. ECOFISH Site Coordinators encouraged partner LGUs to participate in BFAR's training and will help monitor progress in implementation of FishR.
- The Project also assisted BFAR's Public Information Group in the conceptualization and design of FishR information materials. The Project hosted the national launch of FishR in Manila that had the DA Secretary, NAPC Secretary and US Mission Director in attendance. The Project also supported the development and production a short video on the FishR registration process as well as the production of a FishR jingle.

4.13. Deliverable 12: Revenue Generation System for Fisheries Management Established and Effectively Implemented in Select LGUs

For this deliverable, ECOFISH intends to conduct studies on the viability of economic instruments as well as implement already proven effective instruments for selected LGUs in the various MKBAs. This is currently being initiated in selected LGUs of the Verde Island Passage where recent interventions supported by WWF and CI have generated initial information to enable the project team to design and establish these economic instruments. This will in turn be subjected to proper public consultations to ensure their acceptance among the target users.

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 12.

Deliverable 12: Revenue Generation System for Fisheries Management Established and Effectively Implemented in Select LGUs					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct scoping of potential instruments					
Design and establish instruments for select VIP LGUs			O	O	O
Team Lead: Senior Resource Economist, REECS, and SSG Key Partners: BFAR, LMP, LPP, LGUs					

Highlights of key activities/accomplishments under Deliverable 12 during the reporting period include:

- The VIP LGUs are being consulted on potential economic instruments for fisheries management, in addition to existing MBIs that have been established by prior projects and initiatives. Consultations are ongoing, and are being synchronized with other project interventions such as work on NAPC's bottom-up budgeting (BuB).
- A survey of willingness to pay of tourists in Siargao's tourist spots was set up during the last quarter of the year. Results will be processed and analyzed in year 2, which in turn will lead to recommendations for a user fee scheme for selected municipalities in Siargao, Surigao del Norte.

Unplanned activity:

- Resulting from various consultations and scoping activities with national and local partners, the bottom-up budgeting process is proving to be a key intervention that can contribute significantly in achieving this deliverable. The Project will facilitate the BuB process so that LGUs in the project sites will prioritize partnering with fisherfolk POs and fisheries-related CSOs, and consequently submit proposals that will directly contribute in achieving objectives and targets towards sustainable fisheries management.

4.14. Deliverable 13: Sustainable Financing Programs for EAFM Implemented in Select LGUs in the 8 MKBAs

For the sustainable financing programs, initially the team started to gather and review existing coastal and fisheries management plans of municipalities in the focal sites, scope for potential commodities that will become the target for the value chain analysis, and explore the possibilities of setting up payment for ecosystem services (PES) schemes for selected LGUs in the MKBAs.

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under Deliverable 13.

Deliverable 13: Sustainable Financing Programs for EAFM Implemented in Select LGUs in the 8 MKBAs					
Project Intervention/Activity	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Translate IFRM Plan into business plans					
Review existing management plans for developing business plans		O	O	O	O
Draft business plans for selected LGUs with existing management plans				O	O
Development of Inter-LGU Trust Funds					
Initiate the process of establishing inter-LGU trust funds					
Value chain analysis for local fisheries					
Conduct scoping on target fisheries for value chain analysis (can come out of the assessments and FGDs)			O	O	O

Establish PES Schemes					
Initiate studies for establishment of PES schemes in select LGUs		O	O	O	O
Team Lead: Senior Resource Economics Specialist, REECS, SSG					
Key Partners: BFAR, LGUs, Private sector					

Highlights of key activities/accomplishments under Deliverable 13 during the reporting period include:

- Existing fisheries management plans and CRM plans in the focal sites are being collected and reviewed. Work on the translation of these management plans into business plans will commence after a thorough scoping has been done during the second year of the Project.
- For MKBAs that do not have existing Fisheries Management Plans, business planning will be conducted immediately after, or even back to back with the management planning process. This activity will be undertaken in Year 2 and 3 of the Project.
- Potential target fisheries for value chain analysis are being identified through the FGDs and key informant interviews being done along with the establishment of socio-economic baseline surveys. The choice of species for value chain studies will be done considering the biophysical assessments and benchmarking results.
- Continuous consultations and review of existing documents are still being undertaken in identifying potentials for PES schemes in 4 MKBAs. The choice of ecosystem service, as well as the identification of buyers and sellers and the payment scheme will be finalized during Year 2 of the Project.

Unplanned activities:

- Based on the scoping results, consultations with stakeholders and partners, and on existing trends in the literature of biodiversity conservation with poverty alleviation, social enterprise development is seen as a key intervention that will contribute to the achievement of the higher outcomes of the project, specifically the 10% increase in the number of people gaining employment with better employment from sustainable fisheries management. Scoping on potential enterprises that can be established for the project sites has been initiated. Potential partners are continuously being identified, and negotiations with some of them have commenced.
- The DSWD's Sustainable Livelihoods Program has emerged as a strategic partner in achieving deliverables related to sustainable financing and establishment of community partnerships. Regular consultations are being held with the SLP personnel on establishing working arrangements between the Project and their program, particularly in creating synergies and sharing of resources in targeting similar objectives and implementing activities in overlapping project sites.

5. Site-Level Year 1 Accomplishments

The activities in the MKBAs primarily mirror many of the interventions and activities to achieve the various deliverables described above (Section 4). Start-up activities may differ from site to

site and their completion depended upon the actual hiring of Site Coordinators, coordination with relevant BFAR Regional Office/s, and coordination with local government executives/units and other partners.

The box below summarizes the status (O – ongoing; C – completed) of various interventions and activities under the site-level Start-Up Activities.

Start-up Activities	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Hiring of staff					
Hiring of Site Coordinators	O	C			
Hiring of community relations staff			O	C	
Coordination with BFAR Regional and Provincial Offices					
Courtesy call with BFAR Regional Director and key staff		O	C		
ECOFISH Project launching including presentation of project			O	C	
Coordination with LGUs and local partners					
Consultation and orientation meetings with LGU executives and fisheries staff		O	C		
Endorsement or approval of Project by special bodies (e.g. PCSDS)		O	O	O	C
Drafting and signing of MOAs or MOUs			O	O	O
Consultation meetings with other local partners (NGOs, universities)			O	C	
Administrative and Operations					
Establishment of field offices		O	C		

Highlights of key site-level start-up activities during the reporting period include:

- All Site Coordinators and their respective community relations staff were hired.
- All Site Coordinators have presented their respective annual work plan to the BFAR Region Director and key staff, established their system of coordination and reporting with their respective BFAR Regional Offices/Directors, identified their focal person at the region, and set-up the system of collaborative implementation of project activities with the regional office units/staff.
- All Site Coordinators have completed their rounds of individual introduction of ECOFISH to LGU executives and their staff in the focal areas. Most LGUs did not require formal introduction or launching of the project in their respective municipalities.
- In collaboration with BFAR Caraga and the Provincial Government of Surigao del Norte, ECOFISH formally launched the project on 30 January 2013 at the Provincial Convention Center in Surigao City. This was done in coordination with the Provincial Agriculture Office, the Provincial Environment Management Office and the BFAR CARAGA Information and Publication Office.
- In Tawi-Tawi, a formal half day orientation was conducted for mayors of Simunul, Panglima Sugala, Sapa-Sapa, Tandubas and South Ubian and Bongao on 20 February 2013. All the mayors expressed their support and recalled the positive impact of the former FISH project in the province.

- In the Ticao Pass – Lagonoy Gulf - San Bernardino Strait MKBA, the Regional Directors of BFAR Regions 4 and 8 organized Project briefings attended by regional and provincial personnel. The staff also joined focal site selection field trips, provided background information, and together with the site manager, planned site-specific activities for the engagement of the LGUs.
- BFAR Region 8 invited in January 2013 the three Northern Samar LGUs to a Project orientation and planning. Only the mayor of Capul was able to attend and the Biri mayor was briefed later in a separate occasion. In Region 5, following the advice of the PFO, the introduction of ECOFISH Project was conducted for each LGU in separate occasions.
- All Site Coordinators have finalized the selection of office spaces in their respective MKBAs.
- All Site Coordinators conducted ECOFISH orientation with their respective BFAR regions, primarily discussing what the project is all about, its components and deliverables.
- From January to July 2013, the Project was introduced to partner LGUs and stakeholders through two-day orientation workshops in eight MKBAs. These orientation workshops were attended by representatives from LGUs, NGAs, donor-funded projects and NGO/civil society from the following focal municipalities: (1) South Negros: Cauayan, Sipalay City, Hinobaan, Basay, Bayawan City, Santa Catalina, Siaton; (2) Lingayen Gulf: Agoo, Aringay, Bauang, Caba, Rosario, San Fernando City, Alaminos, Santo Tomas; (3) Calamianes Group of Islands: Coron, Busuanga, Culion and Linapacan; (4) Danajon Bank-Bohol: Buenavista, Clarin, Getafe, Inabanga, Tubigon; (5) Surigao del Norte: Surigao City, Taganaan, Placer, Bacuag, Gigaquit and Claver; and (6) TawiTawi: Bongao, Simunul, Panglima Sugala, Sapa-Sapa, Tandubas and South Ubian; (7) Verde Island Passage: Balayan City, Calaca, Calatagan, Lemery, Taal, San Luis, Mabini, Tingloy and Bauan; and (8) Ticao Pass - Lagonoy Gulf – San Bernardino Strait: Bulan, Matnog, Santa Magdalena, Biri, Capul, and San Vicente.

During the last five quarters, site-level activities were mostly focused on preparatory work for planned interventions that will lead to achieving various deliverables of the project, collection of baseline data and potential early management actions. The team at the sites assisted or facilitated in the gathering of information in their respective MKBAs or municipalities that will ultimately serve as input to policy studies, materials for the development of toolkits and case studies, information pertinent to the national database on EAFM, and information that will ultimately form part of the State of the Marine Resources Report.

5.1. Calamianes Island Group MKBA

After the official launching of ECOFISH Project in Calamianes through an orientation workshop in February 2013, coordination meetings with key personnel from the Regional and Provincial BFAR Office, local government chief executives and their key personnel, national agencies such as Palawan Council for Sustainable Development and DENR involved in coastal and fisheries resource management were conducted. As part of site start up activities, the Project also applied for clearance under the Strategic Environmental Plan (SEP) system. This is a requirement of Palawan Council for Sustainable Development (PCSD) for the ECOFISH Project to be allowed

to conduct its activities in the Calamianes Group of Islands. The SEP clearance system in Palawan is a requirement under Republic Act 7611 (Strategic Environmental Plan for Palawan Act), and implemented by the Palawan Council for Sustainable Development (PCSD). ECOFISH has already completed and submitted the necessary documentation for evaluation of the project for SEP clearance and just waiting for the issuance of the clearance from the PCSD board. Other activities in the site also focused on setting up the project office in Coron, Palawan. Another round of courtesy visits was conducted after the local elections in May 2013 to brief the newly elected Local Chief Executives (LCEs) and provide updates to the existing LCEs.

The table below summarizes the status (O – ongoing; C – completed) of interventions and activities in the Calamianes Island Group MKBA under the various deliverables.

Deliverable 1: Policy Studies on EAFM, MPA and Climate Change					
Site Activities/Support for Deliverable 1	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Facilitate gathering of existing information at the MKBA and municipal levels for the policy studies on EAFM, MPA and CCA			O	O	O
Deliverable 2: Toolkits, Sourcebooks, and Case Studies on EAFM, MPA, and Climate Change					
Site Activities/Support for Deliverable 2	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the collection and consolidation of toolkits, IEC materials, workshop/training reports in the area related to EAFM, MPA and CCA			O	O	O
Deliverable 3: A National Database on EAFM Established Using the Annual Monitoring Data in the 8 MKBAs					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area on fisheries resources management for the national data base on EAFM.			O	O	O
Deliverable 4: State of the Marine Resources Report					
Site Activities/Support for Deliverable 4	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area that are relevant to the State of the Marine Resources Report.				O	O
Deliverable 5: National, Regional and Municipal EAFM Trainings Conducted					
Site Activities/Support for Deliverable 5	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct consultation with local partners and assessment on the current state of fisheries and coastal resources management in the area.			C		
Field coordination of training needs assessment, capacity building needs assessment, and benchmarking of capacity to implement EAFM			C		
Coordinate preparations for enforcement trainings, particularly the documentation processes for Leahy vetting.			O	C	
Coordinate preparations and conduct of trainings that may already be done in selected MKBAs				O	C
Deliverable 6: Public-Private Partnerships Supporting ECOFISH Objectives Established					

Site Activities/Support for Deliverable 6	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the conduct of site inspection and identification of potential PPP partnership opportunities		O	C		
Assist in the identification and mapping of stakeholders for PPP across and outside priority areas			C		
Provide technical and administrative assistance during the Business Planning and Partnership Training Workshop preparations			O	O	C
Deliverable 7: Bio-physical, Social and Economic Baseline Assessments					
Site Activities/Support for Deliverable 7	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Brief local executives and coordinate with LGU fisheries staff regarding arrangements for the biophysical and socio-economic baseline assessments			C		
Assist in the identification and hiring of enumerators for the biophysical and socio-economic baseline assessments			C		
Coordinate meetings with local officials, POs, local NGOs, and other knowledgeable leaders regarding preparations for the biophysical and socio-economic baseline assessments			C		
Provide administrative and technical assistance to the team in the conduct of biophysical and socio-economic baseline assessments			O	O	C
Deliverable 8: Scientific Studies on Select MKBA-Specific Fish Species					
Site Activities/Support for Deliverable 8	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate consultation with stakeholders on species-specific or gear-specific scientific studies			O	C	
Coordinate collection of primary data and secondary information for the species-specific or gear-specific scientific studies				O	O
Deliverable 9: MPA Network Analyses					
Site Activities/Support for Deliverable 9	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct orientation and consultation on the establishment of MPAs - for areas without MPAs or need strengthening of existing MPAs			C		
Facilitate identification of potential sites for the establishment of MPAs			O	C	
Coordinate consultation with stakeholders on the selection of MPA sites			O	C	
Facilitate the review of MPA management plans - for areas with existing MPAs or network of MPAs			C		
Facilitate strengthening of MPA management committees				O	O
Facilitate orientation on Management Effectiveness Assessment Tool (MEAT) – for areas with existing MPAs or network of MPAs			C		
Assist in providing technical assistance, coaching and mentoring for the administration of MEAT			O	O	C
Deliverable 10: Fisheries Management Plans of Select Inter-LGU Alliances in the Eight MKBAs					
Site Activities/Support for Deliverable 10	2012		2013		

	Q4	Q1	Q2	Q3	Q4
Collect and consolidate existing municipal fisheries management plans, CRM plans, fisheries ordinances and other related materials			O	C	
Conduct orientation sessions on fisheries management and facilitate the conduct of the EAFM benchmarking process			C		
Conduct consultation to identify and prioritize fisheries management interventions that need to be initiated			O	C	
Facilitate the review of inter-LGU fisheries management plan (for those MKBAs with existing inter-LGU fisheries management plan)			O	C	
Conduct law enforcement workshop to assess and analyze the threats, assess individual knowledge and skills of LGUs enforcement staff, and develop strategy to address the threats.			O	C	
Provide technical support in the review and revision of the marine spatial plan of the Calamianes Group of Islands			O	O	O
Deliverable 11: Registry of Users of Municipal Waters Established in Select Municipal LGUs in the MKBA					
Site Activities/Support for Deliverable 11	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect, consolidate and review of existing registration and licensing systems			O	C	
Conduct orientation on the registration of fisherfolk and fishing boats and licensing of fishing gears or fishing operations			O	O	O
Initiate registration and licensing trainings of LGU partners				O	O
Facilitate the review of registration and licensing system (for those LGUs with existing registration and licensing system)				O	O
Delivery 12: Revenue Generation System for Fisheries Management Established and Effectively Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 12	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on revenue generation system			O	O	O
Facilitate the gathering of secondary data related to revenue generation system			O	O	O
Coordinate and provide technical support for the valuation studies of the project			O	O	O
Deliverable 13: Sustainable Financing Programs for EAFM Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on sustainable financing programs			O	O	O
Facilitate the gathering of secondary data related to sustainable financing programs			O	O	O

Highlights of key site-level activities/accomplishments

- A series of initial discussions with local government units and fisherfolks were undertaken in Calamianes Islands to determine the status of coastal and marine resources management in the area. During discussions, almost all the participants recognized that their MPAs are working but they still need support to improve its management. Destructive and illegal fishing activities are frequently mentioned in the discussion and identified as one of the problems in the sites. All LGUs confirmed that they allocated budget for the operation of coastal and marine resources management and yet not enough to fully operationalize the CRM plan. The discussions also generated a list of trainings or capacity building to improve fisheries governance.
- In collaboration with the Department of Interior and Local Government, ECOFISH conducted the Calamianes Enforcement Assessment Workshop to assess the current situation of enforcement initiatives in Calamianes Island Group and understand areas for improving the enforcement efforts in the CIG. The assessment workshop was attended by more than 50 participants from the four local government units of Coron, Linapacan, Culion, Busuanga, representatives from PCSDS, PNP Maritime, Philippine Coastguard, Philippine Marine Corps, DENR, Tangay y Laud, Community Centered Conservation (C3), Calamianes Cultural Conservation Network Inc.(CCCNI), and representatives from PNP of Coron, Culion, Linapacan and Busuanga. The activity resulted in several observations and recommendations that will help in the improvement of enforcement in CIG: These are: (1) review/amendment of fisheries ordinance, (2) re-organization of enforcement team, (3) Capacity building for enforcers, (4) recruitment of force multipliers, (5) enactment of ordinance on adjudication system, (6) IEC and (7) concretize partnership with DILG through a MOA.
- Provided continuing technical assistance in Culion and Busuanga in the formal organization of their CLET. Several meetings with Local Chief PNPs were conducted to discuss the Leahy vetting and documentation process. Although this has been done during the start up activities of the project, it was again conducted to brief the newly appointed Local Chiefs of Police due to change of administration.
- The Project conducted discussions with LGUs, NGAs and the private sector to identify alternative livelihoods for fishing households which may be displaced by fisheries management interventions. During discussions, participants unanimously agreed that one of the needs within Calamianes is equity in the production and marketing of products.
- Facilitated the conduct of business planning and partnership training workshop. Sixty (60) participants from four municipalities of Calamianes attended the activity. At the end of the workshop, 14 business plans were generated and 2 letters of commitment were collected. Participants were also informed of follow-up activities such as monitoring and continued mentoring support.
- Provided technical and administrative assistance to PPP Specialists and partner LGUs during the PPP Community Partnership Scoping Workshop.
- Facilitated the training of enumerators on socio economic surveys for 10 participants from three municipalities. After the training, enumerators were mobilized to collect primary socio economic data in Culion, Busuanga and Coron. The survey data has been collected and when processed will measure socio-economic variables both at the household and community levels in the Calamianes Islands.

- Facilitated the conduct of fish catch monitoring training for 12 participants. After the training, site visits to the sample areas were made to formally introduce the enumerators to the local government units (for proper coordination before deployment to their respective sites). Primary fishery data collected are catch rate, fishing effort, catch composition and extent of fishing areas. The fish catch monitoring and fisheries inventory concluded in July 2013. Consolidation and encoding of fish landing data and fisheries inventory is currently ongoing.
- Conducted FGDs with local government units and stakeholders in the municipalities of Culion, Coron and Busuanga as part of the socio-economic assessment.
- Conducted a 5-day MPA habitat assessment in the three priority MPAs. The data generated from the assessment of coral reef and fisheries within and outside the MPAs will be utilized to determine ECOFISH Project result indicators. MPA wardens and local government officials participated in the activity. Results of the survey are currently being processed.
- Discussed with key LGU officials and fishers to determine species specific or gear-specific studies in the Calamianes Island Group MKBA. In Busuanga, the Municipal Agriculturist requested a study on the effect of “lambaklad” or Otoshi-ami installed in the municipal waters, particularly in Barangay Panlaitan. In Culion, the LGU proposed a gear restriction on harvesting of gravid blue crabs, while both municipalities of Coron and Culion expressed that closed season for siganids and anchovies should be implemented in their areas.
- Provided technical assistance to strengthen the Siete Pecados Marine Park Management Council (SPMPMC). The draft MPA management plan, organizational structure and all existing policies were consolidated and reviewed. Consultative meetings with stakeholders of Balisungan Marine reserve and Siete Pecados Marine Park were conducted to initiate the process of having a common understanding on the value and necessity of the MPAs.
- Conducted the Calamianes MPA Network Forum to determine the state of the Marine Protected Areas (MPAs) in the Calamianes Group of Islands and understand areas for improving management effectiveness of these MPAs. The forum brought together over 40 participants from the four municipalities in Calamianes: Busuanga, Culion, Coron and Linapacan, from the Provincial Government, national government agencies, private sector, and the organizers from ECOFISH and Malampaya Foundation Inc. The participants provided a self-evaluation of their MPAs using MEAT.
- Consolidated and reviewed the MPA Management plans in four municipalities. All plans have not yet been finalized and adopted.
- Conducted orientation with Municipal Agriculturists in Calamianes on MPA Management Effectiveness Assessment Tool (MEAT) and administered the evaluation of existing MPAs in four municipalities using MEAT.
- Initiated the compilation and review of the Calamianes Integrated Fisheries Management Plan. During the ECOFISH orientation and EAFM benchmarking workshop conducted on 4-5 February 2013 the participants were able to identify priority fisheries and coastal resource management actions (particularly the implementation of the water use plan in conjunction with the Comprehensive Water and Land Use Plan of Calamianes Island Group).

- Organized and facilitated the 3-day Inter-LGU Marine Use Planning Workshop. The workshop, which focuses on the drafting of Calamianes Marine Spatial Use Zone Plan for incorporation in the Comprehensive Land and Water Use Plan (CLWUP), was participated by the four LGUs in Calamianes. Key activities to facilitate the finalization, adoption and implementation were identified. The Technical Working Group (TWG) to spearhead the planning and coordination activities will be created through Executive Orders from the 4 Local Chief Executives of Calamianes.
- In July 2013, the existing municipal fisheries registration and licensing systems in Calamianes were reviewed during the enforcement assessment workshop. It was found out that only 50-70% of fishers in Calamianes are registered and licensing systems have to be enhanced to generate revenue. It was also confirmed that online Municipal Fisherfolk Registration System (MFRS) of BFAR is not yet implemented in Calamianes due to poor internet connection in the sites. The National Municipal Fisherfolk Registration Program (FishR) was launched in Region 4B in September 2013 and an orientation on the database was also conducted for Palawan LGUs. The registration and licensing trainings of LGU partners is scheduled in the first quarter of Year 2.
- Participated and provided inputs in the formulation of Community Development Plan and Executive Legislative Agenda of the municipality of Busuanga and Culion in support of the sustainable financing programs for EAFM in Calamianes. Recognizing the capacity of ECOFISH to assist them in the planning workshops, the Project has been invited to participate in the upcoming local poverty reduction planning workshops in Busuanga and Culion in October 2013 and November 2013 respectively.

Unplanned Activities

- ECOFISH staff facilitated the three learning visits of the barangay LGUs of Coron to Cebu and Bohol. The interaction sessions with key leaders in the visited sites resulted in productive learning and sharing of information about management of Marine Protected Areas (MPAs), the important roles of the private sector, industry and barangay participation in solid waste programs. The visits also generated interest on how local police can better appreciate coastal law enforcement and fisheries management through incentive systems provided by the LGU and private-public partnerships.
- Participated in the series of Capacity Building and Training Conference and workshop series in conservation, sustainability & social responsibility organized by the Calamianes Cultural Network Inc. (CCCN) and the Society for Sustainable Tourism and Development, Inc. (SSTD) held on March 8-10, 2013 and September 10-11, 2013.
- Participated and provided project brief during the Orientation forum in accelerating external sources of financing for Calamianes LGUs priority infra projects organized by the DILG-Calamianes on April 12, 2013.
- Facilitated the completion of documents at the barangay, municipal and provincial levels for Strategic Environmental Plan (PCSD) clearance required by Palawan Council for Sustainable Development (PCSD).
- Participated in the Business Permit Licensing System orientation organized by DILG-Calamianes on August 7, 2013.

Issues and Concerns

- Courtesy visits to Local Chief Executives have been done. But still there is a need for project briefing for newly elected municipal councils in Calamianes to solicit their support and ensure sustainability of coastal and fisheries management efforts.

Activities Not Accomplished and Why

- Validation of water use and mapping of expansion areas was deferred due to schedule conflicts with LGU activities.

5.2. Danajon Reef MKBA

The table below summarizes the status (O – ongoing; C – completed) of interventions and activities in the Danajon Reef MKBA under the various deliverables

Deliverable 1: Policy Studies on EAFM, MPA and Climate Change					
Site Activities/Support for Deliverable 1	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Facilitate gathering of existing information at the MKBA and municipal levels for the policy studies on EAFM, MPA and CCA			O	O	O
Deliverable 2: Toolkits, Sourcebooks, and Case Studies on EAFM, MPA, and Climate Change					
Site Activities/Support for Deliverable 2	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the collection and consolidation of toolkits, IEC materials, workshop/training reports in the area related to EAFM, MPA and CCA			O	O	O
Deliverable 3: A National Database on EAFM Established Using the Annual Monitoring Data in the 8 MKBAs					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area on fisheries resources management for the national data base on EAFM			O	O	O
Deliverable 4: State of the Marine Resources Report					
Site Activities/Support for Deliverable 4	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area that are relevant to the State of the Marine Resources Report				O	O
Deliverable 5: National, Regional and Municipal EAFM Trainings Conducted					
Site Activities/Support for Deliverable 5	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct consultation with local partners and assessment on the current state of fisheries and coastal resources management in the area			C		

Field coordination of training needs assessment, capacity building needs assessment, and benchmarking of capacity to implement EAFM			C		
Coordinate preparations for enforcement trainings, particularly the documentation processes for Leahy vetting			O	C	
Coordinate preparations and conduct of trainings that may already be done in selected MKBAs				O	O
Deliverable 6: Public-Private Partnerships Supporting ECOFISH Objectives Established					
Site Activities/Support for Deliverable 6	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the conduct of site inspection and identification of potential PPP partnership opportunities		O	C		
Assist in the identification and mapping of stakeholders for PPPs across and outside priority areas			O	C	
Provide technical and administrative assistance during the Business Planning and Partnership Training Workshop preparations			O	O	C
Deliverable 7: Bio-physical, Social and Economic Baseline Assessments					
Site Activities/Support for Deliverable 7	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Brief local executives and coordinate with LGU fisheries staff regarding arrangements for the biophysical and socio-economic baseline assessments			C		
Assist in the identification and hiring of enumerators for the biophysical and socio-economic baseline assessments			C		
Coordinate meetings with local officials, POs, local NGOs, and other knowledgeable leaders regarding preparations for the biophysical and socio-economic baseline assessments			C		
Provide administrative and technical assistance to the team in the conduct of biophysical and socio-economic baseline assessments			O	O	C
Deliverable 8: Scientific Studies on Select MKBA-Specific Fish Species					
Site Activities/Support for Deliverable 8	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate consultation with stakeholders on species-specific or gear-specific scientific studies			O	O	O
Coordinate collection of primary data and secondary information for the species-specific or gear-specific scientific studies				O	O
Deliverable 9: MPA Network Analyses					
Site Activities/Support for Deliverable 9	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct orientation and consultation on the establishment of MPAs - for areas without MPAs or need strengthening of existing MPAs			C		
Facilitate identification of potential sites for the establishment MPAs			O	O	O
Coordinate consultation with stakeholders on the selection of MPA sites			O	O	O
Facilitate the review of MPA management plans - for areas with existing MPAs or network of MPAs			O	O	C
Facilitate strengthening of MPA management committees				O	O

Facilitate orientation on Management Effectiveness Assessment Tool (MEAT) – for areas with existing MPAs or network of MPAs			O	O	C
Assist in providing technical assistance, coaching and mentoring for the administration of MEAT			O	O	C
Deliverable 10: Fisheries Management Plans of Select Inter-LGU Alliances in the Eight MKBAs					
Site Activities/Support for Deliverable 10	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect and consolidate existing municipal fisheries management plans, CRM plans, fisheries ordinances and other related materials			O	C	
Conduct orientation sessions on fisheries management and facilitate the conduct of the EAFM benchmarking process			C		
Conduct consultation to identify and prioritize fisheries management interventions that need to be initiated			O	O	O
Facilitate the review of inter-LGU fisheries management plan (for those MKBAs with existing inter-LGU fisheries management plan)			O	O	C
Conduct law enforcement workshop to assess and analyze the threats, assess individual knowledge and skills of LGU enforcement staff, and develop strategy to address the threats.			O	C	
Deliverable 11: Registry of Users of Municipal Waters Established in Select Municipal LGUs in the MKBA					
Site Activities/Support for Deliverable 11	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect, consolidate and review of existing registration and licensing systems			O	C	
Conduct orientation on the registration of fisherfolk and fishing boats and licensing of fishing gears or fishing operations			O	O	O
Initiate registration and licensing trainings of LGU partners				O	O
Facilitate the review of registration and licensing system (for those LGUs with existing registration and licensing system)				O	O
Delivery 12: Revenue Generation System for Fisheries Management Established and Effectively Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 12	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on revenue generation system			O	O	O
Facilitate the gathering of secondary data related to revenue generation system			O	O	O
Coordinate and provide technical support for the valuation studies of the project.			O	O	O
Deliverable 13: Sustainable Financing Programs for EAFM Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 13	2012		2013		
	Q4	Q1	Q2	Q3	Q4

Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on sustainable financing programs			O	O	O
Facilitate the gathering of secondary data related to sustainable financing programs			O	O	O

Highlights of key site-level activities/accomplishments

- Conducted an ECOFISH project orientation workshop that also served as the benchmarking exercise to determine the status of fisheries resources, levels of management of MPAs, capacity to implement EAFM and fishery law enforcement capability.
- A round table discussion was conducted to explore policies on the creation of Adjudication Board for the municipalities in the focal area and share experiences and lessons learned during the previous FISH project.
- Coordinated the conduct of Focus Group Discussion during meeting with the key partners in the focal sites re: identification of needed IEC materials per component.
- Facilitated a round table discussion with the LGU of Ubay, Bien Unido and Talibon with the PPP team to identify a potential businesses and business partners for the implementation of PPP activities. Assisted in the conduct of focus group discussion for scoping of livelihood enterprises.
- Assisted launching of TV white space PPP to support the online registration of fishers, gears and fishing boats.
- Coordinated the training of enumerators for fisheries, MPA and socioeconomic baseline assessments and supervised and provided administrative support.
- Coordinated the gathering of existing data for MPA assessment within the Danajon area. Discussed with the Municipal Agriculturists regarding the status of MPAs located in their respective municipal waters and preparations for MPA baseline assessment.
- Provided assistance in the conduct of a 3-day workshop on the drafting of the Danajon-wide fisheries management plan.
- Provided assistance during the three consultation meetings of the Danajon Double Barrier Reef Management Council (DDBRMC). Reviewed and revisited the fisheries management plan.
- Facilitated the meeting of Coastal Law Enforcement Councils and conducted follow up meetings with the Municipal Coastal Law Enforcement Teams regarding their IEC posters and priority action plans.
- In preparation for the fisheries law enforcement training, completion of vetting forms by uniformed personnel and organizational profiling of coastal law enforcement teams (CLET) were facilitated.
- Assisted BFAR in the follow up of the implementation of registration and licensing.
- Participated in the launching of FishR initiated by the BFAR 7 Regional Office in Cebu.

Unplanned Activities

- Assisted the Bohol Provincial Governor's office during the conduct of several meetings in preparation for the visit of the US Ambassador to the Philippines.
- Facilitated the installation of photo exhibit about USAID supported activities in Bohol in connection with the visit of the US Ambassador to the province.
- Assisted the USAID team in visiting other projects implemented in Bohol by the Department of Health, Crisis Women Center, and COMPETE.
- Participated in a meeting with ELAC, Tanggol Kalikasan, and BEMO and shared lessons learned on law enforcement during the previous FISH Project.
- Facilitated/coordinated with ELAC/TK during the meeting with the Bien Unido Coastal Law Enforcement Team (BUCLET).
- Participated in 2 meetings with Bohol Rescue Unit of Marine Mammals (BRUMM) to develop the action plan of the task force for 2013.
- Participated/assisted the three (3) day trainers' training of the MPA-TWG for monitoring, evaluation and assessment of marine protected areas.

Issues and Concerns

- The inter-provincial management of fishery resources (Danajon-wide) is generally a basic need, given EAFM approach of ECOFISH. However, ECOFISH should explore other strategies on how the Secretariat can be sustained since the project of CCEF under USAID funding support ended on April 31, 2013.
- Orientation or reorientation of LGU staff is needed in connection with the online registration of fisherfolks.
- The conduct of a study on climate change vulnerability assessment or coastal integrity vulnerability assessment should be one of the priority activities.
- Hiring of additional staff for encoding of data is necessary for immediate completion and quick analysis of the data on catch and effort monitoring.

Activities Not Accomplished and Why

- The landline phone connection is not yet installed, because presently there is no vacant trunk line going to the location of the ECOFISH office.
- The conduct of basic law enforcement training was postponed until after the barangay election due to changes in members of the municipal law enforcement team.
- The write up of the Municipal Fishery Profile of the five focal is not yet completed due to conflict of schedules with other equally important activities. Also other vital data are not yet available.
- The encoding of baseline and other data is not yet finished due to other pressing activities of the Community Relations Specialist.

5.3. Lingayen Gulf MKBA

The Project was formally introduced to officers of the eight local government focal partners through an LGU Orientation/Roadshow Presentation conducted on 31 January 2013, with a total of 78 participants from the LGUs and the BFAR regional office. Orientation meetings on the ECOFISH Project were completed for all BFAR Regional Staff, Pangasinan Provincial Fisheries Office staff and Ilocos Sur MAOs and fisheries technicians.

The table below summarizes the status (O – ongoing; C – completed) of interventions and activities in the Lingayen Gulf MKBA under the various deliverables.

Deliverable 1: Policy Studies on EAFM, MPA and Climate Change					
Site Activities/Support for Deliverable 1	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Facilitate gathering of existing information at the MKBA and municipal levels for the policy studies on EAFM, MPA and CCA			O	O	O
Conducted meeting with the BFAR regional Office, FARMC and MPA management councils on matters requiring local policy reforms			O	C	
Deliverable 2: Toolkits, Sourcebooks, and Case Studies on EAFM, MPA, and Climate Change					
Site Activities/Support for Deliverable 2	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the collection and consolidation of toolkits, IEC materials, workshop/training reports in the area related to EAFM, MPA and CCA			O	O	O
Deliverable 3: A National Database on EAFM Established Using the Annual Monitoring Data in the 8 MKBAs					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area on fisheries resources management for the national data base on EAFM.			O	O	O
Deliverable 4: State of the Marine Resources Report					
Site Activities/Support for Deliverable 4	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area that are relevant to the State of the Marine Resources Report.				O	O
Deliverable 5: National, Regional and Municipal EAFM Trainings Conducted					
Site Activities/Support for Deliverable 5	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct consultation with local partners and assessment on the current state of fisheries and coastal resources management in the area.			C		
Field coordination of training needs assessment, capacity building needs assessment, and benchmarking of capacity to implement EAFM			C		
Coordinate preparations for enforcement trainings, particularly the documentation processes for Leahy vetting.			O	O	O

Coordinate preparations and conduct of trainings that may already be done in the site.				O	C
Deliverable 6: Public-Private Partnerships Supporting ECOFISH Objectives Established					
Site Activities/Support for Deliverable 6	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the conduct of site inspection and identification of potential PPP partnership opportunities		O	C		
Assist in the identification and mapping of stakeholders for PPP across and outside priority areas			C		
Conduct meetings and consultations with thematic leader to develop approaches for collaboration with Chevron Phil on the establishment of the La Union MPA Network			O	C	
Provide technical and administrative assistance during the Business Planning and Partnership Training Workshops preparations			O	O	O
Deliverable 7: Bio-physical, Social and Economic Baseline Assessments					
Site Activities/Support for Deliverable 7	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Brief local executives and coordinate with LGU fisheries staff regarding arrangements for the biophysical and socio-economic baseline assessments			C		
Assist in the identification and hiring of enumerators for the biophysical and socio-economic baseline assessments			C		
Coordinate meetings with local officials, POs, local NGOs, and other knowledgeable leaders regarding preparations for the biophysical and socio-economic baseline assessments			C		
Provide administrative and technical assistance to the team in the conduct of biophysical and socio-economic baseline assessments			O	O	C
Deliverable 8: Scientific Studies on Select MKBA-Specific Fish Species					
Site Activities/Support for Deliverable 8	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate consultation with stakeholders on species-specific or gear-specific scientific studies			O	C	
Coordinate collection of primary data and secondary information for the species-specific or gear-specific scientific studies				O	O
Consultation with Municipal Agriculturists and key BFAR officers- resulted to the identification of <i>Siganid</i> species (local name - Malaga) as the focal species for scientific studies and formulation of specific management measures				C	
Deliverable 9: MPA Network Analyses					
Site Activities/Support for Deliverable 9	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct orientation and consultation on the establishment of MPAs - for areas without MPAs or need strengthening of existing MPAs			C		
Facilitate identification of potential sites for the establishment MPAs			O	C	
Coordinate consultation with stakeholders on the selection of MPA sites			O	C	

Facilitate the review of MPA management plans - for areas with existing MPAs or network of MPAs			O	O	C
Facilitate strengthening of MPA management committees				O	O
Facilitate orientation on Management Effectiveness Assessment Tool (MEAT) – for areas with existing MPAs or network of MPAs			C		
Assist in providing technical assistance, coaching and mentoring for the administration of MEAT			O	O	C
Identify and assess institutional capability for MPA monitoring (Don Mariano Marcos State University)				O	O
Deliverable 10: Fisheries Management Plans of Select Inter-LGU Alliances in the Eight MKBAs					
Site Activities/Support for Deliverable 10	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect and consolidate existing municipal fisheries management plans, CRM plans, fisheries ordinances and other related materials			O	C	
Conduct orientation sessions on fisheries management and facilitate the conduct of the EAFM benchmarking process			C		
Conduct consultation to identify and prioritize fisheries management interventions that need to be initiated			O	O	O
Conduct law enforcement workshop to assess and analyze the threats, assess individual knowledge and skills of LGU enforcement staff, and develop strategy to address the threats.			O	C	
Deliverable 11: Registry of Users of Municipal Waters Established in Select Municipal LGUs in the MKBA					
Site Activities/Support for Deliverable 11	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect, consolidate and review of existing registration and licensing systems			O	C	
Conduct orientation on the registration of fisherfolk and fishing boats and licensing of fishing gears or fishing operations			O	O	O
Initiate registration and licensing trainings of LGU partners				O	O
Facilitate the review of registration and licensing system (for those LGUs with existing registration and licensing system)				O	O
Delivery 12: Revenue Generation System for Fisheries Management Established and Effectively Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 12	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on revenue generation system			O	O	O
Facilitate the gathering of secondary data related to revenue generation system			O	O	O
Coordinate and provide technical support for the valuation studies of the project			O	O	O

Deliverable 13: Sustainable Financing Programs for EAFM Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on sustainable financing programs			O	O	O
Facilitate the gathering of secondary data related to sustainable financing programs			O	O	O

Highlights of key site-level activities/accomplishments

- Conducted orientation meetings on the ECOFISH Project for all BFAR Regional Staff, Pangasinan Provincial Fisheries Office staff and Ilocos Sur MAOs and fisheries technicians.
- Conducted orientation on ECOFISH and EAFM benchmarking participated in by a total of 78 personnel from the LGUs and the BFAR Regional Office.
- Conduct consultation meetings with the BFAR Regional Office, FARMC and MPA management councils on matters requiring local policy reforms.
- Conducted orientation sessions for LGUs to introduce ECOFISH and secure approval for the engagement of MOU between the respective LGUs, BFAR Region 1 and the Project, in six Municipal Council sessions.
- Completion of training manuals for the conduct of MPA trainings for LGUs.
- Conducted of consultation meetings with BFAR Region 1 and local government officials to gather issues on the current state of fisheries and coastal resources management in the Lingayen Gulf MKBA (La Union) that resulted to the identification of primary fisheries managements issues.
- Coordinated the training of enumerators for fisheries, MPA and socio-economic baseline assessments and supervised and provided administrative support.
- Forged agreement with the Provincial Fisheries Unit in the establishment of the network of MPAs in the MKBA.
- Collection of Municipal CRM Plans and Municipal Profiles in 6 municipalities that will pave the way for the conduct of planning workshops for the formulation of Fisheries Management Plans by Year 2. Related to this, the City Mayor of San Fernando has formally requested ECOFISH assistance in the formulation of its Fisheries Management Plan as part of the MOU deliverables.
- ECOFISH Lingayen also completed small planning and consultation meetings with the City of San Fernando, Alaminos, Rosario, and the Provincial Agriculture Offices of La Union and Pangasinan Provinces that resulted to agreements on the conduct of (1) training on MPA Establishment and Management, (2) training on Community-Based MPA Monitoring and Assessment, (3) establishment of MPA Network, (4) training on Fundamentals of EAFM for LGUs, and (5) Coastal Law Enforcement Workshop and Training.

Unplanned Activities

- Training conducted on MPA monitoring and habitat assessment methods for 32 key BFAR technical personnel.
- Training conducted on MPA Plan formulation for staff of the City Environment Office of San Fernando and Bgy. Lingsat MPA Council.
- Training on EAFM for the CFARMC of Alaminos City.

Issues and Concerns

- Upon submission by ECOFISH Lingayen Site Coordinator and the BFAR RO1 Regional Director of the proposed MOU with the Provincial Government of Pangasinan (which covered the lone LGU of Alaminos), the Governor of Pangasinan requested for the inclusion of all 10 coastal municipalities of the province that borders the Lingayen Gulf. The Governor's staff took the initiative to include said municipalities and the Governor has already signed the MOU. The Site Coordinator raised the matter to the BFAR RD who expressed that the implementation of the Project in the expansion municipalities can be managed with shared resources and a phased approach, beginning with capacity building activities.

Activities Not Accomplished and Why

None

5.4. Ticao Pass – Lagonoy Gulf – San Bernardino MKBA

At the very start of the project implementation, the Site Coordinator gave a project briefing at the BFAR Bicol and Eastern Visayas Regional Offices and the Sorsogon and Northern Samar Provincial Offices. Accompanied by BFAR staff, the Site Coordinator went around the MKBA and met BFAR field personnel, LGU and PO officials to find out the current fisheries management interventions being implemented and planned in their respective areas. After consultation with the Regional Directors and the ECOFISH management, it was decided to initiate project implementation in Prieto Diaz, Gubat, Barcelona, Bulusan, Santa Magdalena, Matnog, and Bulan in Sorsogon Province and Biri, Capul, and San Vicente in Northern Samar Province. This location forming as it were a right angle belongs to the San Bernardino Strait-Ticao Pass section of the MKBA. It was chosen because it had received the least attention in past efforts at resource management. Within this zone, the municipalities of Bulan and Gubat act as the immediate markets of significance in the flow of fishery commodities. But due to security concerns over insurgent activity, it was agreed that implementation will initially be focused in Santa Magdalena, Matnog, Bulan, Biri, Capul and San Vicente. As of September 2013, police information points to active NPA activity in Matnog and Bulan. A Philippine Army source said that Biri, Capul and San Vicente will soon be declared as “insurgency-free”.

A formal ECOFISH Orientation Workshop was held in July 2013, for representatives from the Offices of the Mayor, Sangguniang Bayan, Agriculture, Planning, Environment, Tourism, and

FARMCs of the six municipalities and BFAR Regional Offices. A draft MOU to formalize the cooperation between the LGUs and the BFAR regional office was submitted to both BFAR regional offices and the six LGUs for review.

The table below summarizes the status (O – ongoing; C – completed) of interventions and activities in the Ticao Pass- Lagonoy Gulf - San Bernardino MKBA under the various deliverables.

Deliverable 1: Policy Studies on EAFM, MPA and Climate Change					
Site Activities/Support for Deliverable 1	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Facilitate gathering of existing information at the MKBA and municipal levels for the policy studies on EAFM, MPA and CCA			O	C	
Deliverable 2: Toolkits, Sourcebooks, and Case Studies on EAFM, MPA, and Climate Change					
Site Activities/Support for Deliverable 2	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the collection and consolidation of toolkits, IEC materials, workshop/training reports in the area related to EAFM, MPA and CCA			O	C	
Deliverable 3: A National Database on EAFM Established Using the Annual Monitoring Data in the 8 MKBAs					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area on fisheries resources management for the national data base on EAFM			O	O	O
Deliverable 4: State of the Marine Resources Report					
Site Activities/Support for Deliverable 4	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area that are relevant to the State of the Marine Resources Report				O	O
Deliverable 5: National, Regional and Municipal EAFM Trainings Conducted					
Site Activities/Support for Deliverable 5	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct consultation with local partners and assessment on the current state of fisheries and coastal resources management in the area			O	O	C
Field coordination of training needs assessment, capacity building needs assessment, and benchmarking of capacity to implement EAFM			O	O	C
Coordinate preparations for enforcement trainings, particularly the documentation processes for Leahy vetting			O	O	O
Coordinate preparations and conduct of trainings that may already be done in selected MKBAs				O	O
Deliverable 6: Public-Private Partnerships Supporting ECOFISH Objectives Established					
Site Activities/Support for Deliverable 6	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the conduct of site inspection and identification of potential PPP partnership opportunities		C			

Assist in the identification and mapping of stakeholders for PPPs across and outside priority areas			O	O	C
Provide technical and administrative assistance during the Business Planning and Partnership Training Workshops preparations					O
Deliverable 7: Bio-physical, Social and Economic Baseline Assessments					
Site Activities/Support for Deliverable 7	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Brief local executives and coordinate with LGU fisheries staff regarding arrangements for the biophysical and socio-economic baseline assessments			C		
Assist in the identification and hiring of enumerators for the biophysical and socio-economic baseline assessments			C		
Coordinate meetings with local officials, POs, local NGOs, and other knowledgeable leaders regarding preparations for the biophysical and socio-economic baseline assessments			O	C	
Provide administrative and technical assistance to the team in the conduct of biophysical and socio-economic baseline assessments			O	O	C
Deliverable 8: Scientific Studies on Select MKBA-Specific Fish Species					
Site Activities/Support for Deliverable 8	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate consultation with stakeholders on species-specific or gear-specific scientific studies			O	C	
Coordinate collection of primary data and secondary information for the species-specific or gear-specific scientific studies					O
Deliverable 9: MPA Network Analyses					
Site Activities/Support for Deliverable 9	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct orientation and consultation on the establishment of MPAs - for areas without MPAs or need strengthening of existing MPAs			O	C	
Facilitate identification of potential sites for the establishment MPAs			O	C	
Coordinate consultation with stakeholders on the selection of MPA sites			O	O	O
Facilitate the review of MPA management plans - for areas with existing MPAs or network of MPAs					
Facilitate strengthening of MPA management committees					
Facilitate orientation on Management Effectiveness Assessment Tool (MEAT) – for areas with existing MPAs or network of MPAs					
Assist in providing technical assistance, coaching and mentoring for the administration of MEAT					
Deliverable 10: Fisheries Management Plans of Select Inter-LGU Alliances in the Eight MKBAs					
Site Activities/Support for Deliverable 10	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect and consolidate existing municipal fisheries management plans, CRM plans, fisheries ordinances and other related materials			O	C	

Conduct orientation sessions on fisheries management and facilitate the conduct of the EAFM benchmarking process			O	C	
Conduct consultation to identify and prioritize fisheries management interventions that need to be initiated			O	O	C
Facilitate the review of inter-LGU fisheries management plan (for those MKBAs with existing inter-LGU fisheries management plan)					
Conduct law enforcement workshop to assess and analyze the threats, assess individual knowledge and skills of LGUs enforcement staff, and develop strategy to address the threats			O	O	O
Deliverable 11: Registry of Users of Municipal Waters Established in Select Municipal LGUs in the MKBA					
Site Activities/Support for Deliverable 11	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect, consolidate and review of existing registration and licensing systems			O	C	
Conduct orientation on the registration of fisherfolk and fishing boats and licensing of fishing gears or fishing operations			O	O	O
Initiate registration and licensing trainings of LGU partners				O	O
Facilitate the review of registration and licensing system (for those LGUs with existing registration and licensing system)				O	O
Delivery 12: Revenue Generation System for Fisheries Management Established and Effectively Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 12	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on revenue generation system			O	O	O
Facilitate the gathering of secondary data related to revenue generation system			O	C	
Coordinate and provide technical support for the valuation studies of the project.			O	O	O
Deliverable 13: Sustainable Financing Programs for EAFM Implemented in Select LGUs in Other MKBA					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on sustainable financing programs			O	O	O
Facilitate the gathering of secondary data related to sustainable financing programs				O	O

Highlights of key site-level activities/accomplishments

- Information that may serve as input to the development of toolkits and case studies have been collected. Existing data in the area on fisheries resources management that may form part of the national database and also relevant to the State of the Marine Resources Report have been collected.
- The site team has conducted informal (during municipal/barangay field trips and regional office meetings) and formal (January 24-25, 2013 Northern Samar-level LGU orientation-planning; July 17-19, 2013 focal area-wide LGU orientation-workshop) consultation and assessment on the current state of fisheries and CRM, including identification of training and capacity building needs and EAFM capacity benchmarking.
- The Leahy vetting documentation process at PNP provincial and municipal levels is on-going. The Sorsogon and Northern Samar Provincial Police Offices have asked the Chiefs of Police to fully facilitate/cooperate with the vetting. The 16-man San Vicente municipal station has filled up the vetting form after a meeting facilitated by the mayor.
- A meeting with Sorsogon PCG Station was conducted to identify available personnel who can act as resource persons.
- Assisted the PPP team in the identification of potential PPP opportunities and stakeholders including coordination with BFAR regional offices and LGUs for the scoping and planning workshop.
- Briefed BFAR Regions 5 and 8 and the local governments of Bulan, Matnog, Sta Magdalena, and Capul on the conduct of the fisheries, MPA and socioeconomic baseline assessments and assisted MERF and REECS in coordinating with the LGUs for the conduct of the assessments and the hiring of enumerators.
- Monitored the conduct of the socio-economic household survey in the three Sorsogon municipalities including the consolidation of questionnaires for encoding and data analysis.
- Conducted consultations with municipal fishers, BFAR personnel and LGU extension workers about the important fisheries in the locality. Informants identified siganids, lobsters and abalone in the nearshore areas and anchovies, sardines, tuna and cephalopods in the offshore areas as important fisheries. The important gears in the focal area are simple hook and lines, spear, fish traps, jiggers, troll lines, encircling and drive-in nets. Species- and gear-specific studies are yet to be initiated.
- Conducted community and LGU consultations for the establishment of MPA in Biri, Capul, San Vicente (with BFAR RO No. 8 staff in the first three municipalities) and Sta. Magdalena. BFAR RO No.8 technical staff undertook coral reef survey in Biri, Capul and San Vicente and recommended seven suitable sites. In Matnog, a 2005 ordinance which established the Subic MPA came to be enforced only in June 2013 after the LGU and BFAR RO No. 5 provided funding for markers and guardhouse. Further developments in MPA establishment will wait until a MOA with an academe/NGO partner is arranged and approved by USAID. A new underwater assessment of the Butag and Subic MPAs is necessary. MPA establishment is a priority for all the six municipalities in the Year 2 work plan.
- The site team has collected the fisheries ordinance of Biri, Capul, Sta Magdalena, Matnog and Bulan. San Vicente has no ordinance. All LGUs do not have CRM and fisheries management plans. EAFM benchmarking has been completed.

- Initial and priority fisheries management interventions common to the six LGUs are law enforcement training, MPA establishment (strengthening and creation of additional sites in the case of Matnog and Bulan), and livelihood enhancement. The enactment of a comprehensive fisheries ordinance is important to San Vicente. There is as yet no inter-LGU fisheries management plan in the focal area and MKBA. The site team in September 2013 attended a meeting of the Sorsogon Provincial TWG to formulate an integrated fisheries ordinance and create a mechanism for a province-wide law enforcement task force. The team in Year 2 will actively participate in this development.
- Information regarding the existing registration and licensing system in the LGUs (except San Vicente which has none) has been surveyed/collected. LGUs commonly confuse the two terms.
- BFAR Regions 5 and 8 have conducted the FishR Orientation/Training for the LGUs. The LGUs will follow the FishR system laid down by BFAR which is providing incentives for early completion. Fisherfolk registration at the municipal level is currently on-going. Presently the registration of boats and licensing of gears follow the system laid down by the existing fisheries ordinances of the LGUs. No licensing trainings have been scheduled.
- Data on existing fisheries revenues collected by some LGUs (Biri, Capul, Matnog and Bulan) have been gathered and collection of secondary data on financing programs is being undertaken.

Unplanned Activities

None

Issues and Concerns

- Lagonoy Gulf and Sorsogon Bay resource assessment reports undertaken during the FSP (1990-1996) and FRMP (1999-2005) are unavailable (considered “lost” by the staff) at the BFAR RO No. 5. The only available information about Lagonoy Gulf comes from papers in the Internet which were written by some of those who were involved in the past assessments. Two assessment reports commissioned by the LGUs and an NGO and done by FSP-trained personnel provide information about the 2004 conditions of fish habitats in Biri and Capul.
- There appears to have been no previous resource assessments conducted for San Bernardino Strait and Ticao Pass. The 2010 PCRA data of BFAR about Sta Magdalena is unavailable from BFAR and the LGU. It may also be considered as “lost”. Likewise “lost” are the 2005 coral reef assessment data that became the basis for the MPA establishment in Subic (Matnog) and Butag (Bulan). The only other available information comes from the municipal fisheries profiles and Comprehensive Land Use Plans (most were made 3 to 10 years ago) of the LGUs.
- There are no IEC materials and workshop/training reports in the area which are related to EAFM, MPA and CCA.
- LGU personnel were irritated by MERF’s request for assistance which occur during weekends.

- San Vicente fishers have noted the late appearance and decline in abundance of the anchovies and sardines since 2010; the Bulan market inspector and fish processors corroborate this information. Biri fishers report the decline of squid catch in their area; some of them blame the submarine cable which supplies power to Luzon as the cause of the decline.
- Informants complain commercial ringnet (“superlight”) encroachment. Blast fishing occurs in the boundary between Bulan and Matnog, southern Biri and southern Capul (“Diamante” Rock and “Ruby” Shoal). Spear fishing with the use of compressor happens in Sta Magdalena and Biri.
- Fieldwork in Bulan revealed that the Butag MPA established in 2009 is no longer enforced. Fishers complained that the MPA has reduced their fishing area. They are willing to re-establish the MPA but with a reduced core area.

Activities Not Accomplished and Why

None

5.5. South Negros Island MKBA

As part of the site level start-up activities in Southern Negros Island, coordination with key personnel from the Regional and Provincial BFAR Offices and local government chief executives and their key personnel performing coastal and fisheries resource management functions were done. Activities in the site also focused on setting up the project office at BFAR Provincial Fisheries Office of Negros Oriental in Dumaguete City.

After the local elections in May 2013, another round of courtesy visits was done to newly elected Local Chief Executives. In South Negros MKBA, four out of seven Local Government Units (LGUs) namely Sta. Catalina, Bayawan City, Basay and Hinobaan have newly elected Mayors. A round table discussion was also facilitated with BFAR Region 6 Director, Division Chiefs and Provincial Fishery Officer of Negros Occidental in September 2013 to confer on the ECOFISH activities in the pipeline.

There are two existing clusters of municipalities in Southern Negros, namely, the Southern Negros Coastal Development and Management Council (SNCDMC) comprised of Cauayan, Sipalay City and Hinobaan, and the Coastal Law Enforcement Council (CLEC) of Siaton, Sta. Catalina, Bayawan City and Basay. The SNCDMC alliance is jointly implementing an agreed alliance framework to include initiatives on fishery law enforcement, fisherfolk, gear and vessel registration and licensing, and establishment and strengthening of MPAs among others. The CLEC in Southern Negros Oriental however, as the name implies, focuses their collaboration on the Joint Seaborne Patrol Program/strengthening law enforcement within their municipal waters.

The table below summarizes the status (O – ongoing; C – completed) of interventions and activities in the South Negros Island MKBA under the various deliverables

Deliverable 1: Policy Studies on EAFM, MPA and Climate Change					
Site Activities/Support for Deliverable 1	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Facilitate gathering of existing information at the MKBA and municipal levels for the policy studies on EAFM, MPA and CCA			O	O	O
Deliverable 2: Toolkits, Sourcebooks, and Case Studies on EAFM, MPA, and Climate Change					
Site Activities/Support for Deliverable 2	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the collection and consolidation of toolkits, IEC materials, workshop/training reports in the area related to EAFM, MPA and CCA			O	O	O
Deliverable 3: A National Database on EAFM Established Using the Annual Monitoring Data in the 8 MKBAs					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area on fisheries resources management for the national data base on EAFM			O	O	O
Deliverable 4: State of the Marine Resources Report					
Site Activities/Support for Deliverable 4	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area that are relevant to the State of the Marine Resources Report				O	O
Deliverable 5: National, Regional and Municipal EAFM Trainings Conducted					
Site Activities/Support for Deliverable 5	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct consultation with local partners and assessment on the current state of fisheries and coastal resources management in the area			C		
Field coordination of training needs assessment, capacity building needs assessment, and benchmarking of capacity to implement EAFM			C		
Coordinate preparations for enforcement trainings, particularly the documentation processes for Leahy vetting			O	C	
Coordinate preparations and conduct of trainings that may already be done in selected MKBAs				O	C
Deliverable 6: Public-Private Partnerships Supporting ECOFISH Objectives Established					
Site Activities/Support for Deliverable 6	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the conduct of site inspection and identification of potential PPP partnership opportunities		O	O	C	
Assist in the identification and mapping of stakeholders for PPPs across and outside priority areas			O	O	C
Provide technical and administrative assistance during the Business Planning and Partnership Training Workshops preparations			O	O	C
Deliverable 7: Bio-physical, Social and Economic Baseline Assessments					
Site Activities/Support for Deliverable 7	2012		2013		
	Q4	Q1	Q2	Q3	Q4

Brief local executives and coordinate with LGU fisheries staff regarding arrangements for the biophysical and socio-economic baseline assessments			C		
Assist in the identification and hiring of enumerators for the biophysical and socio-economic baseline assessments			C		
Coordinate meetings with local officials, POs, local NGOs, and other knowledgeable leaders regarding preparations for the biophysical and socio-economic baseline assessments			C		
Provide administrative and technical assistance to the team in the conduct of biophysical and socio-economic baseline assessments			O	O	C
Deliverable 8: Scientific Studies on Select MKBA-Specific Fish Species					
Site Activities/Support for Deliverable 8	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate consultation with stakeholders on species-specific or gear-specific scientific studies			O	O	O
Coordinate collection of primary data and secondary information for the species-specific or gear-specific scientific studies				O	O
Deliverable 9: MPA Network Analyses					
Site Activities/Support for Deliverable 9	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct orientation and consultation on the establishment of MPAs - for areas without MPAs or need strengthening of existing MPAs			C		
Facilitate identification of potential sites for the establishment of MPAs			O	O	O
Coordinate consultation with stakeholders on the selection of MPA sites			O	O	O
Facilitate the review of MPA management plans - for areas with existing MPAs or network of MPAs			C		
Facilitate strengthening of MPA management committees				O	O
Facilitate orientation on Management Effectiveness Assessment Tool (MEAT) – for areas with existing MPAs or network of MPAs			C		
Assist in providing technical assistance, coaching and mentoring for the administration of MEAT			O	O	C
Deliverable 10: Fisheries Management Plans of Select Inter-LGU Alliances in the Eight MKBAs					
Site Activities/Support for Deliverable 10	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect and consolidate existing municipal fisheries management plans, CRM plans, fisheries ordinances and other related materials			O	C	
Conduct orientation sessions on fisheries management and facilitate the conduct of the EAFM benchmarking process			C		
Conduct consultation to identify and prioritize fisheries management interventions that need to be initiated			O	O	O
Facilitate the review of inter-LGU fisheries management plan (for those MKBAs with existing inter-LGU fisheries management plan)			C		

Conduct law enforcement workshop to assess and analyze the threats, assess individual knowledge and skills of LGU enforcement staff, and develop strategy to address the threats.			O	O	C
Provide technical support in the finalization of marine spatial plan of SNCDMC				O	O
Deliverable 11: Registry of Users of Municipal Waters Established in Select Municipal LGUs in the MKBA					
Site Activities/Support for Deliverable 11	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect, consolidate and review of existing registration and licensing systems			C		
Conduct orientation on the registration of fisherfolk and fishing boats and licensing of fishing gears or fishing operations			O	O	O
Initiate registration and licensing trainings of LGU partners				O	O
Facilitate the review of registration and licensing system (for those LGUs with existing registration and licensing system)				O	O
Delivery 12: Revenue Generation System for Fisheries Management Established and Effectively Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 12	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on revenue generation system			O	O	O
Facilitate the gathering of secondary data related to revenue generation system			O	O	O
Coordinate and provide technical support for the valuation studies of the project.			O	O	O
Deliverable 13: Sustainable Financing Programs for EAFM Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on sustainable financing programs			O	O	O
Facilitate the gathering of secondary data related to sustainable financing programs			O	O	O

Highlights of key site-level activities/accomplishments

- Facilitated the gathering of needed information such as the current state of fisheries and coastal resources management, inventory of fisheries related ordinances and biophysical assessment reports. These will serve as input to policy studies, materials for the development of toolkits and case studies, and will be included in the national database on EAFM and form part of the State of the Marine Resources Report.
- Consolidated and drafted a summary of coastal and fisheries resource management profiles of focal areas to include primary information on institutional, financial,

regulatory, basic Coastal Resources Management services and prevalent issues and concerns related to fisheries.

- Participated in the Coastal Vulnerability Assessment and Climate Change Adaptation Training in September 23-27, 2013 together with BFAR 7 and LGU counterparts from Siaton, Sta. Catalina and Bayawan City.
- Conducted the ECOFISH Project orientation that also served as the formal launching of the project, assessment of the current state of fisheries and coastal resources management in the area, benchmarking of training and capacity building needs of local partners, and benchmarking of capacity of the LGUs to implement EAFM in Southern Negros. Workshop outputs showed moderate to high frequency of fishing violations and other resource use conflicts within the municipal waters of Southern Negros. Moreover, an increase in the number of fishers and their fishing effort (fishers are fishing for longer hours and farther areas), decline in fish catch and its quality (smaller sized fish being caught and marked abundance of invertebrates) for the past five years has been also observed. The top three fishing violations in Southern Negros were unauthorized fishing, use of active fishing gears and intrusion of commercial fishing vessels in the municipal waters.
- Conducted a separate validation of workshop and benchmarking results and Action Plan for 2013 for the Municipality of Cauayan, Negros Occidental since the municipality had no LGU representatives during the formal launching and orientation.
- In preparation for the fisheries law enforcement training, completion of vetting forms by uniformed personnel and organizational profiling of fishery law enforcement teams (FLET) were facilitated on site.
- Provided technical support to the Coastal Law Enforcement Cluster (CLEC) of Southern Negros Oriental and the Alliance Based Coastal Law Enforcement Team of Southern Negros Occidental.
- Initiated the gathering of secondary data and coordination with the LGUs in support to the establishment of PPPs.
- Facilitated the conduct of the PPP and socio-economic baseline assessment orientation and scoping for Southern Negros. This was participated by key LGU staff, Fisheries and Aquatic Resources Management Council (FARMC) Chairpersons, MPA Management Board and fisherfolk association leaders from Siaton, Sta. Catalina and Bayawan City.
- Facilitated the Community Partnership Training for Siaton, Sta. Catalina and Bayawan attended by LGU department heads and fisherfolk association presidents and selected officers. At the end of the training, eight (8) business plans were drafted and forty seven (47) letters of commitment were signed by local partners. The business plans prepared were the following:

Municipality	Business Activity
Siaton	• Siit-Andulay Community Based Eco-tour
	• Seaweeds and Mudbrab Project
	• Candaw-ay River Tour
Sta. Catalina	• Mangrove Ecotour
	• Ice Plant
Bayawan City	• Let's Groove with the mangroves (Mangrove Ecotour)
	• VITIBO Lucky fishing supply
	• KALIPI Bottled Sardines Processing

- Facilitated the administrative and logistic needs, briefing and coordination with LGU technical staff, gathering of secondary data, identification of survey sites as well as identification, selection and hiring of enumerators, and supervision of the actual data collection for both bio-physical and socio-economic baseline assessments.
- Facilitated MERF's orientation meeting with focal persons from LGUs of Siaton, Sta. Catalina and Bayawan City to orient project partners on the framework and activities of the baseline assessments for fisheries and MPA components and agree on the work plan, schedule of activities, and the role of partners for each activity.
- Collected and reviewed plans, ordinances and assessment reports of LGUs with existing MPAs and facilitated the application of the MPA management effectiveness assessment tool (MEAT) to evaluate these MPAs.
- Facilitated a special meeting with the mayor of Basay to present ECOFISH Project activities and more importantly the issues on coastal law enforcement. Basay is a signatory to the MOU for the creation and operation of the 3rd District Coastal Law Enforcement Council (CLEC) in 2006 but was not able to maintain a functional Fishery Law Enforcement Team and has not participated in the Joint Seaborne Patrol Program thereafter. As a result of this meeting, it was agreed to organize Fisheries and Aquatic Resources Management Council (FARMC) which will propose for the formulation of the Municipal Fishery Ordinance and in the identification of alternative livelihood projects. Moreover, the Mayor agreed to reorganize their Fishery Law Enforcement Team and participate in the CLEC activities.
- Compiled and reviewed existing municipal and alliance-wide coastal and fisheries resources management plans (in the case of SNCDMC) and fisheries related ordinances in preparation for the development of inter-LGU fisheries management plan. In the review of ordinances, however, it was found out that the Municipality of Siaton and Cauayan have no municipal water delineation ordinances. Siaton has a prevailing Barangay boundary dispute with the Municipality of Zamboangita while Cauayan has received the technical descriptions from NAMRIA but the finalization of the delineation ordinance is still pending. But just after the local elections in May 2013, a consultation between Zamboangita and Siaton was held and they have agreed on the delineation and delimitation of their municipal land area and municipal waters.
- Participated in the focused group discussion with the Quick Response Team of BFAR7 in Cebu City wherein the QRT's role, plans and activities for 2013 and ECOFISH sites and plans were presented. Discussed also possible joint or complementation activities.
- Organized the South Negros Fishery Law Enforcement Assessment Workshop to identify, assess and analyze the threats to the coastal environment/ municipal waters of South Negros focal areas (building on the initial threat map produced during the project orientation workshop); assess individual knowledge, skills and experiences of local government level fishery law enforcers in addressing the threats; identify areas of improvement in addressing the threats (such as training, manpower, equipment and other needs required to address the threats effectively); impart strategies employed by other LGUs and coastal law enforcement teams in addressing similar threats; and agree with the ECOFISH, BFAR and PNP on how to approach the strategy based on an indicative 12-month plan. This was participated by the seven LGUs in South Negros, national law enforcement teams and technical support agencies. Assessment of the coastal law

enforcement issues in South Negros, skills and capacity needs of the BFAR- Quick Response Teams in Regions 6 and 7 and local Fishery Law Enforcement Team members has been accomplished. At the same time, the planned activities for Year 2 have been identified.

- Meeting with mayors of Hinobaan and Cauayan in preparation for the Municipal Fishery Compliance and Enforcement Training for SNCDMC LGUs and with Atty. Wilmon Peñalosa and staff of the Negros Occidental Provincial Environment Management Office to discuss law enforcement related activities planned for Year 2 and how ECOFISH can complement with the Governor's plan to re-activate the Provincial Task Force (particularly on capacity development, logistic needs and policy support).
- Conducted the Municipal Fishery Compliance and Enforcement Training for SNCDMC in collaboration with the Philippine National Police Maritime Group, BFAR 6, and Provincial Government of Negros Occidental. Fourteen (14) Fishery law enforcement team members from Sipalay City, twenty two (22) from Hinobaan and seventeen (17) from Cauayan were trained. Another training is scheduled this October for the Negros Oriental cluster.
- Reviewed the existing municipal fisheries registration and licensing systems of each LGU. Only the municipalities of Siaton, Sta. Catalina, Bayawan and Basay are using the online Municipal Fisherfolk Registration System (MFRS) of BFAR. BFAR Regional Office 6 has conducted the training for a number of LGUs in the region in 2009 but the online MFRS is not yet implemented in Negros Occidental.
- Participated in the launching of the national fisherfolk registration program (FishR) in Region 7. An orientation on the database was conducted for Negros Oriental LGUs. Also, an orientation on the use of the new database was facilitated with Hinobaan, Sipalay City and Cauayan to update the Fisheries Technicians of Negros Occidental about the system. The orientation and launching for Region 6 LGUs is scheduled in October 2013. As part of the Coastal Fisheries Resources Management (CFRM) Program of the Province of Negros Occidental in partnership with GIZ, all the coastal LGUs in the province is currently using the prescribed fishing vessel registration software developed by the project. The LGUs were provided with the software, together with training on the use of software and equipment to include computer, printer and camera.
- Consulted with Maritime Industry Authority (MARINA) on the possibility of organizing a mobile registration to expedite the renewal of registration of commercial fishing vessels. This was followed by a consultation meeting with BFAR 7, MARINA, PCG and DOTC to discuss the status and how to address illegal, unregistered and unregulated commercial fishing in Central Visayas. A joint mobile registration is scheduled in November 2013 to cater to the needs of Negros Oriental.
- In preparation for the establishment of revenue generation systems and implementation of sustainable financing programs for fisheries management in Southern Negros, the gathering of secondary information related to revenue generation and sustainable financing will commence in the next quarter. The primary data collections for these activities are covered under the biophysical and socio-economic baseline assessments.

Unplanned Activities

- Participated in the Forum on "Some Challenges for Marine Protected Area (MPA) design for the Coral Triangle Initiative (CTI)" organized by Silliman University-Angelo King Center for Research and Environmental Management (SUAKCREM).
- Participated in BFAR consultative dialogue with Local Government Units, fisherfolk organizations, fishpond operators and Fisheries and Aquatic Resources Management Councils (FARMCs) on the implementation and guidelines of Bottom-Up Budgeting for the National Fisheries Program in Dumaguete City.
- Participated and provided the project brief during the Negros Occidental-Provincial Environmental Management Office (PEMO) and DENR-PENRO meeting with developmental partners in relation to ridge to reef planning and implementation for 2013 in Bacolod City.
- Participated and delivered a brief overview of the project during the Basay Municipal Technical Briefing and Techno clinic.
- Prepared presentation and served as resource person in the training on low volume, high density milkfish cage culture at Manjuyod, Negros Oriental. This was participated by LGU technical staff and fisherfolk associations from Sipalay City, Hinobaan, Cauayan and Ilog.
- Facilitated the meeting on the finalization of delineation ordinance of Cauayan and Siaton

Issues and Concerns

- With the national and local elections in May 2013, there are newly elected Local Chief Executives in the Municipalities of Sta. Catalina, Bayawan City, Basay and Hinobaan wherein another batch of courtesy calls and orientations need to be done.
- There is a perceived conflict with the Local Chief Executives and Sangguniang Bayan Members who are commercial fishing vessel operators. These vessels are not licensed with BFAR and are apparently fishing within municipal waters. Focus on fishery law enforcement and intensified inter-agency collaboration is needed to address this concern.
- The fish catch surveys were started in June 2013 which is also the start of the lean season for fishing in Southern Negros. The timing could have been matched with the peak fishing season. Moreover, the content of the socio-economic and fisheries survey questionnaires are almost the same, it could have been better if only one survey was conducted to minimize costs and time for monitoring and reviewing the completeness of the surveys.

Activities Not Accomplished and Why

- The presentation of the socio-economic and fisheries baseline assessment results was not done since the final reports from REECS and MERF are not yet ready.

5.6. Surigao del Norte and Surigao del Sur MKBA

Consultations and orientation meetings with LGU and fisheries staff were conducted before the elections in May 2013. Another round of orientation has been conducted after the newly elected officials took their respective posts in five (5) mainland LGUs and two (2) in the Island of Siargao. Eight (8) more LGUs will be consulted and oriented after the May 2013 elections. Endorsement or approval of the project by the Sangguniang Panlalawigan / Panglungsod / Bayan, drafting and signing of MOA are still on-going since the elections in May delayed most project activities. Other partners consulted included the Surigao State College of Technology (academe), Surigao Economic Development Foundation Inc. (NGO) and the Surigao City Chamber of Commerce and Industry (business sector).

The table below summarizes the status (O – ongoing; C – completed) of interventions and activities in the Surigao del Norte and Surigao del Sur MKBA under the various deliverables.

Deliverable 1: Policy Studies on EAFM, MPA and Climate Change					
Site Activities/Support for Deliverable 1	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Facilitate gathering of existing information at the MKBA and municipal levels for the policy studies on EAFM, MPA and CCA			O	O	O
Deliverable 2: Toolkits, Sourcebooks, and Case Studies on EAFM, MPA, and Climate Change					
Site Activities/Support for Deliverable 2	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the collection and consolidation of toolkits, IEC materials, workshop/training reports in the area related to EAFM, MPA and CCA			O	O	O
Deliverable 3: A National Database on EAFM Established Using the Annual Monitoring Data in the 8 MKBAs					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area on fisheries resources management for the national data base on EAFM			O	O	O
Deliverable 4: State of the Marine Resources Report					
Site Activities/Support for Deliverable 4	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area that are relevant to the State of the Marine Resources Report				O	O
Deliverable 5: National, Regional and Municipal EAFM Trainings Conducted					
Site Activities/Support for Deliverable 5	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct consultation with local partners and assessment on the current state of fisheries and coastal resources management in the area			C		
Field coordination of training needs assessment, capacity building needs assessment, and benchmarking of capacity to implement EAFM			C		
Coordinate preparations for enforcement trainings, particularly the documentation processes for Leahy vetting			O	O	C

Coordinate preparations and conduct of trainings that may already be done in selected MKBAs				O	C
Deliverable 6: Public-Private Partnerships Supporting ECOFISH Objectives Established					
Site Activities/Support for Deliverable 6	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the conduct of site inspection and identification of potential PPP partnership opportunities		O	O	O	C
Assist in the identification and mapping of stakeholders for PPPs across and outside priority areas			O	O	C
Provide technical and administrative assistance during the Business Planning and Partnership Training Workshops preparations			O	O	O
Deliverable 7: Bio-physical, Social and Economic Baseline Assessments					
Site Activities/Support for Deliverable 7	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Brief local executives and coordinate with LGU fisheries staff regarding arrangements for the biophysical and socio-economic baseline assessments			O	C	
Assist in the identification and hiring of enumerators for the biophysical and socio-economic baseline assessments			O	C	
Coordinate meetings with local officials, POs, local NGOs, and other knowledgeable leaders regarding preparations for the biophysical and socio-economic baseline assessments			O	C	
Provide administrative and technical assistance to the team in the conduct of biophysical and socio-economic baseline assessments			O	O	C
Deliverable 8: Scientific Studies on Select MKBA-Specific Fish Species					
Site Activities/Support for Deliverable 8	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate consultation with stakeholders on species-specific or gear-specific scientific studies			O	O	O
Coordinate collection of primary data and secondary information for the species-specific or gear-specific scientific studies				O	O
Deliverable 9: MPA Network Analyses					
Site Activities/Support for Deliverable 9	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct orientation and consultation on the establishment of MPAs - for areas without MPAs or need strengthening of existing MPAs			O	O	O
Facilitate identification of potential sites for the establishment of MPAs			O	O	O
Coordinate consultation with stakeholders on the selection of MPA sites			O	O	O
Facilitate the review of MPA management plans - for areas with existing MPAs or network of MPAs					
Facilitate strengthening of MPA management committees					
Facilitate orientation on Management Effectiveness Assessment Tool (MEAT) – for areas with existing MPAs or network of MPAs			O	O	O
Assist in providing technical assistance, coaching and mentoring for the administration of MEAT			O	O	O
Deliverable 10: Fisheries Management Plans of Select Inter-LGU Alliances in the Eight MKBAs					

Site Activities/Support for Deliverable 10	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect and consolidate existing municipal fisheries management plans, CRM plans, fisheries ordinances and other related materials			O	O	O
Conduct orientation sessions on fisheries management and facilitate the conduct of the EAFM benchmarking process			C		
Conduct consultation to identify and prioritize fisheries management interventions that need to be initiated			O	O	O
Facilitate the review of inter-LGU fisheries management plan (for those MKBAs with existing inter-LGU fisheries management plan)			O	O	O
Conduct law enforcement workshop to assess and analyze the threats, assess individual knowledge and skills of LGU enforcement staff, and develop strategy to address the threats.			O	O	O
Deliverable 11: Registry of Users of Municipal Waters Established in Select Municipal LGUs in the MKBA					
Site Activities/Support for Deliverable 11	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect, consolidate and review of existing registration and licensing systems			O	O	C
Conduct orientation on the registration of fisherfolk and fishing boats and licensing of fishing gears or fishing operations			O	O	O
Initiate registration and licensing trainings of LGU partners				O	C
Facilitate the review of registration and licensing system (for those LGUs with existing registration and licensing system)				O	O
Delivery 12: Revenue Generation System for Fisheries Management Established and Effectively Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 12	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on revenue generation system			O	O	C
Facilitate the gathering of secondary data related to revenue generation system			O	O	C
Coordinate and provide technical support for the valuation studies of the project			O	O	O
Deliverable 13: Sustainable Financing Programs for EAFM Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on sustainable financing programs			O	O	C
Facilitate the gathering of secondary data related to sustainable financing programs			O	O	O

Highlights of key site-level activities/accomplishments

- Ongoing collection of information, data and other relevant references requested by thematic leads, like fishery ordinances, resolutions and management plans indicating coordinates and locations of MPAs, among others.
- Assisted in the completion of data collection for both the fisheries and socio-economic baseline assessments.
- Two major workshops needed field coordination in year 1: benchmarking/CRM orientation workshop and CLE assessment workshop, the latter activity validated the outputs from the earlier workshop concerning the status of law enforcement in the MKBA.
- Trainings conducted that required coordination included enumerators' trainings on socio-economic survey, on fish catch monitoring, and on tourists' willingness-to-pay survey.
- Conducted consultations and discussions on status of existing MPAs and proposed MPA sites in the focal area.
- Full assessment of existing MPAs still to be assessed. Preparations for baseline information assessment have so far only included selection of five (5) candidate MPAs for assessment and scouting for possible makers of concrete markers and accommodations on-site for the assessment team.
- ECOFISH has been in coordination with the Hinatuan Passage Development Alliance (HIPADA) Technical Advisory Group (TAG) regarding issues that urgently need intervention. The ECOFISH Team in the area has been attending HIPADA-TAG meetings to take note of possible assistance that may be extended to the alliance.
- ECOFISH is currently supporting the review and updating of the provincial CRM framework plan initiated by the Provincial Government through the Provincial Agriculture Office (PAO) and the Provincial Environment Management Office (PEMO).
- The Project is also supporting the efforts of the Provincial Government in the formation of a provincial fishery law enforcement task force to address rampant illegal fishing activities in the MKBA. Meeting held last 30 September was attended by officials of PNP-Maritime Group, Philippine Navy, Philippine Coast Guard, BFAR, PAO and PEMO.
- Assisted BFAR Caraga in the launch of the Fisherfolk Registration System (FishR) in August and during the on-site dry-run in April. These activities included training of LGU partners in the province.
- Consulted LGUs regarding provisions in municipal ordinances pertaining to registration of fisherfolk. Not all municipalities have municipal fishery ordinances. Most LGUs are still in the stage of finalizing their respective ordinances based on the existing "unified" fishery ordinance that HIPADA drafted.
- Conducted meetings on both PPP and livelihood interventions in select mainland LGUs and those in the Island of Siargao, namely: Placer, Bacuag, Gigaquit, Del Carmen and General Luna.

Unplanned Activities

- Coordinated the participation of Ocean Bounty Seafood Market and Restaurant in the ongoing celebration of BFAR's 50th Fish Conservation Week. It committed not to serve seafood for a day on the opening day of the weeklong celebration.
- Facilitated dialogue between the local seafood market and restaurant and fish vendors and traders on the state of fishery resources in the area. The dialogue was aimed to raise their appreciation how the project and the traders association can pursue common objectives in fisheries.

Issues and Concerns

None

Activities Not Accomplished and Why

None

5.7. Tawi-Tawi MKBA

The site operation commenced with coordination and handshaking with local government units, BFAR ARMM regional and provincial staff and partners. The project orientations and coordination efforts were given substantial time, particularly for the new sites. Setting up of the office and office fixtures has been completed. The Community Relations Specialist became officially on board by the month of May and was immediately deployed for coordination and mobilization work in island municipalities.

The table below summarizes the status (O – ongoing; C – completed) of interventions and activities in the Tawi-Tawi MKBA under the various deliverables

Deliverable 1: Policy Studies on EAFM, MPA and Climate Change					
Site Activities/Support for Deliverable 1	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Facilitate gathering of existing information at the MKBA and municipal levels for the policy studies on EAFM, MPA and CCA			O	O	O
Deliverable 2: Toolkits, Sourcebooks, and Case Studies on EAFM, MPA, and Climate Change					
Site Activities/Support for Deliverable 2	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the collection and consolidation of toolkits, IEC materials, workshop/training reports in the area related to EAFM, MPA and CCA			O	O	O
Deliverable 3: A National Database on EAFM Established Using the Annual Monitoring Data in the 8 MKBAs					
Site Activities/Support for Deliverable 3	2012		2013		

	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area on fisheries resources management for the national data base on EAFM			O	O	O
Deliverable 4: State of the Marine Resources Report					
Site Activities/Support for Deliverable 4	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area that are relevant to the State of the Marine Resources Report				O	O
Deliverable 5: National, Regional and Municipal EAFM Trainings Conducted					
Site Activities/Support for Deliverable 5	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct consultation with local partners and assessment on the current state of fisheries and coastal resources management in the area			C		
Field coordination of training needs assessment, capacity building needs assessment, and benchmarking of capacity to implement EAFM			C		
Coordinate preparations for enforcement trainings, particularly the documentation processes for Leahy vetting			O	O	C
Coordinate preparations and conduct of trainings that may already be done in selected MKBAs				O	C
Deliverable 6: Public-Private Partnerships Supporting ECOFISH Objectives Established					
Site Activities/Support for Deliverable 6	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the conduct of site inspection and identification of potential PPP partnership opportunities		O	O	O	C
Assist in the identification and mapping of stakeholders for PPPs across and outside priority areas			O	O	C
Provide technical and administrative assistance during the Business Planning and Partnership Training Workshops preparations			O	O	O
Deliverable 7: Bio-physical, Social and Economic Baseline Assessments					
Site Activities/Support for Deliverable 7	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Brief local executives and coordinate with LGU fisheries staff regarding arrangements for the biophysical and socio-economic baseline assessments			C		
Assist in the identification and hiring of enumerators for the biophysical and socio-economic baseline assessments			C		
Coordinate meetings with local officials, POs, local NGOs, and other knowledgeable leaders regarding preparations for the biophysical and socio-economic baseline assessments			O	C	
Provide administrative and technical assistance to the team in the conduct of biophysical and socio-economic baseline assessments			O	O	C
Deliverable 8: Scientific Studies on Select MKBA-Specific Fish Species					
Site Activities/Support for Deliverable 8	2012		2013		
	Q4	Q1	Q2	Q3	Q4

Coordinate consultation with stakeholders on species-specific or gear-specific scientific studies			O	O	O
Coordinate collection of primary data and secondary information for the species-specific or gear-specific scientific studies				O	O
Deliverable 9: MPA Network Analyses					
Site Activities/Support for Deliverable 9	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct orientation and consultation on the establishment of MPAs - for areas without MPAs or need strengthening of existing MPAs			O	O	O
Facilitate identification of potential sites for the establishment MPAs			O	O	O
Coordinate consultation with stakeholders on the selection of MPA sites			O	O	O
Facilitate the review of MPA management plans - for areas with existing MPAs or network of MPAs			O	O	C
Facilitate strengthening of MPA management committees				O	O
Facilitate orientation on Management Effectiveness Assessment Tool (MEAT) – for areas with existing MPAs or network of MPAs			O	O	C
Assist in providing technical assistance, coaching and mentoring for the administration of MEAT			O	O	C
Deliverable 10: Fisheries Management Plans of Select Inter-LGU Alliances in the Eight MKBAs					
Site Activities/Support for Deliverable 10	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect and consolidate existing municipal fisheries management plans, CRM plans, fisheries ordinances and other related materials			O	C	
Conduct orientation sessions on fisheries management and facilitate the conduct of the EAFM benchmarking process			C		
Conduct consultation to identify and prioritize fisheries management interventions that need to be initiated			O	C	
Facilitate the review of inter-LGU fisheries management plan (for those MKBAs with existing inter-LGU fisheries management plan)			O	C	
Conduct law enforcement workshop to assess and analyze the threats, assess individual knowledge and skills of LGU enforcement staff, and develop strategy to address the threats			O	C	
Deliverable 11: Registry of Users of Municipal Waters Established in Select Municipal LGUs in the MKBA					
Site Activities/Support for Deliverable 11	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect, consolidate and review of existing registration and licensing systems			O	O	C
Conduct orientation on the registration of fisherfolk and fishing boats and licensing of fishing gears or fishing operations			O	O	O
Initiate registration and licensing trainings of LGU partners				O	O
Facilitate the review of registration and licensing system (for those LGUs with existing registration and licensing system)				O	O

Delivery 12: Revenue Generation System for Fisheries Management Established and Effectively Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 12	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on revenue generation system			O	O	O
Facilitate the gathering of secondary data related to revenue generation system			O	O	O
Coordinate and provide technical support for the valuation studies of the project.			O	O	O
Deliverable 13: Sustainable Financing Programs for EAFM Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on sustainable financing programs			O	O	O
Facilitate the gathering of secondary data related to sustainable financing programs			O	O	O

Highlights of key site-level activities/accomplishments

- Coordinated and collaborated with WWF–CTSP Tawi-Tawi on fisheries management implementation in the province.
- Collected and consolidated secondary data related to EAFM, MPA and climate change from local government units, partners and implementers including the climate change variability assessment conducted by WWF-CTSP.
- Collected and compiled relevant information related to fisheries resources management for the national database on EAFM.
- Undertaken initial coordination meeting with BFAR ARMM Regional office to present the project objectives and framework. Regional Director committed to support the project and become partners in the implementation of fisheries programs in the six focal areas.
- Conducted initial orientation on the project for mayors of the focal area. Only five (5) mayors attended from Simunul, Panglima Sugala, Sapa-Sapa, Tandubas and South Ubian. The mayor of Bongao was not able to attend due to prior commitment but he was represented by his Municipal Fisheries Officer (MFO). All the mayors expressed their support since there are good impacts of the FISH project in the province. Issues that came out were enforcement and sustainability of project gains.
- Conducted Orientation workshop and benchmarking for the focal areas except for municipality of Sapa-Sapa where participants were not able to attend. Outputs of the workshop will be the basis for early management interventions.
- Conducted community partnership scoping with LGUs, BFAR, Tawi-Tawi Chamber of Commerce, stakeholders and PPP Specialist Lawrence Ang to identify livelihood priorities and business ideas. Scoping indicates high potentials in seaweeds culture, fresh fish trading, mat weaving, dried fish, mariculture and food processing.

- Facilitated the strategic partnership between enforcement units of PNP, Philippine Navy and BFAR with Smart Communications through the use of INFOBOARD technology in enhancing enforcement operations in Tawi-Tawi. Initially, the team made a courtesy visit to PNP Provincial HQ, PNP Maritime Group, and Naval Task Force 62. A Round Table Discussion on the use of INFOBOARD technology of Smart was undertaken and participated by high ranking officials of these enforcement agencies. This was highlighted by a surprise visit by the Provincial Governor of Tawi-Tawi who expressed his support and commitment to the project (as he was “transformed as an environmental advocate through the initiatives of FISH Project”, a precursor of ECOFISH).
- Facilitated the conduct of training of enumerators for socioeconomic surveys. After the training, the enumerators were mobilized to collect primary data on socio-economics in Bongao, Simunul and Panglima Sugala. The survey data has been collected and when processed will measure socio-economic variables at the household and community levels.
- Facilitated the conduct of training of enumerators for the fish catch monitoring. The enumerators were fielded in 8 fish sampling areas. For proper coordination after the training, enumerators were introduced to the LGUs particularly to barangay chairmen of identified sampling areas.
- Coordinated with UP Visayas team on the conduct of MPA baseline assessment. The three MPAs/Fish Sanctuaries to be assessed are Tonggusong-Maruwa Fish Sanctuary of Simunul, Batu-Batu_Kulape MPA of Panglima Sugala and Ungus-Ungus Fish Sanctuary of Bongao.
- Initial discussion with LGUs of Bongao and Panglima Sugala together with BFAR provincial staff on the identification of species for management. Among the species are seaweeds, abalone, sea mantis and “mameng”.
- Initiated meeting with MPA management committees of existing Marine Protected Areas and Fish Sanctuaries. Reorganization of the management committees and coaching for new members are a continuing effort of the ECOFISH site team.
- Reviewed MPA management plans for MPAs of Bongao, Simunul and Panglima Sugala. Issues like financial support from municipal LGU frequently came-up during the review.
- Conducted MPA Evaluation Assessment Tool (MEAT) in MPAs or fish sanctuaries established by FISH. Results showed that management is still at Level 1. Common issues are the lack of financial support from municipal government and no proper documentation of violations and meetings. Other enforcement assets provided during the FISH project are non-functional and patrol boats have already deteriorated.
- Conducted meeting with the Tawi-Tawi Bay Fish Sanctuary Alliance purposely to introduce the members to the officials of the PNP Regional Maritime Group. This is in connection with the new program “Adopt a Marine Protected Area” of PNP-MG. Among the next steps are to conduct a site to fish sanctuaries and election of sanctuary officers.
- Initiated discussion with Bongao LGU on the draft Municipal Fisheries Code. The newly elected Sangguniang Bayan members have already conducted the second deliberation.
- Organized orientation workshop in partnership with BFAR on fisheries management and ECOFISH project briefing. Workshop activities included mapping of coastal and marine resources, assessment of status of fisheries and coastal resources, identification of priority fisheries and coastal resource issues and concerns, benchmarking of local fisheries governance, and action planning for early management options in fisheries. The

workshop was attended by more than 40 participants from the municipal and provincial governments and agencies.

- Conducted meetings with local Chiefs of Police, PCG, Philippine Navy, Philippine Marines and PNP-Maritime Group to present the ECOFISH Project and the history of partnership and collaboration during the FISH Project. Also discussed were enforcement issues and the Leahy vetting documentation process. Only a few personnel from enforcement units have responded and submitted the accomplished forms.
- Conducted enforcement assessment to validate enforcement issues and threats and identify next steps to address them. This was participated in by LGUs of Bongao, Simunul, Panglima Sugala, Tandubas, and South Ubian and BFAR. PNP personnel were not able to attend due to Leahy vetting delays.
- Initial discussion with Provincial Tourism Officer on possible schemes for revenue generation. The Office of Provincial Tourism has on-going initiatives in promoting the province as a destination for its diverse culture, white sandy beaches and being the country's seaweeds capital. Every year the province is celebrates the "Agal-Agal Festival", as highlight of the province day celebration in September.

Unplanned Activities

- Supported and assisted BFAR ARMM regional office during the 2-day launching of the H.E.L.P.S. (Health, Education, Livelihood, Peace and Governance Synergy) program initiated by the office of the Regional Governor of ARMM. Tawi-Tawi has two pilot municipalities, Bongao and Panglima Sugala. The concept of HELPS calls for the involvement of all agencies of government in the delivery of services in identified areas. This convergence effort aims to strengthen the implementation of the priority programs of NGAs. Beneficiaries that received livelihood assistance from BFAR are members of the MPA/Fish Sanctuary management committee/"bantay" sanctuary of Bongao and Panglima Sugala.
- Participated in the planning workshop of the NAPC Local Poverty Reduction Action Program conducted by DILG in the two (2) municipalities of Panglima Sugala and Simunul. Results of the workshop identified priority projects for the 2014 budget.
- Supported and assisted MSU project on coral restoration and transplantation in protected areas of Pasiagan (Bongao), Batu-Batu Kulape and Buan (Panglima Sugala), and Tonggusong-Maruwa (Simunul)
- In observance of the Month of the Ocean in May, organized a joint mangrove planting event with BFAR ARMM Provincial Office at Barangay Balimbing, Panglima Sugala. Planted 5,000 pieces of propagules. This was participated by the LGU of Panglima Sugala, Barangay officials and community members of Barangay Balimbing.
- Organized a coastal clean-up event in barangays Simandagit and Pasiagan in celebration of the Coral Triangle Day. This was participated by Bongao LGU, BFAR, Tawi-Tawi Divers Club, Philippine Marines (MBLT-5), and PNP Maritime Group.
- Participated in the formulation of the draft 5-year Provincial Seaweed Development Plan conducted by BFAR-ARMM Region and supported by the provincial government. This was participated by the seaweed farmers, traders, DTI, municipal representatives from the 10 municipalities and ECOFISH.

- Provided assistance to LGU South Ubian in the preparation of project proposals on fisheries for the BuB of BFAR ARMM Regional Office. Among the projects identified by the LGU of South Ubian are the establishment of 3 MPAs, mangrove reforestation, provision of motorized bancas and provision of fishing paraphernalia. Other LGUs supported by BFAR in the BuB are Bongao and Simunul. Bongao has proposed for the construction of a fish landing facility and Simunul has proposed various fisheries activities.
- Undertook site visit and field validation in South Ubian for MPA establishment and mangrove reforestation by BFAR ARMM regional staff.
- Participated in the clean up activity in observance of the International Coastal Clean Up event, organized by PNP Maritime Group along the local port area and at the coastal area of Lagasan MPA. It was also participated by Philippine Coast Guard, Bongao LGU, local radio groups, media group and barangay officials of Lagasan and community members. After the clean up, there was a release of a marine turtle that has been turned over to the PNP-MG by a local fisher.

Issues and Concerns

- Governance is still very poor especially in the new focal areas. Coordination for meetings is difficult due to frequent non-availability of municipal officials in the area. Also there is poor attendance during orientation workshops outside the municipality due to lack of financial support for transportation expenses from LGUs. Participants in meetings and workshops are sometimes not the appropriate officials/staff.
- Devolved functions of BFAR to LGUs have not yet materialized. LGUs still have limited capacity to implement fisheries programs even in previous focal areas of FISH.
- Delays in the submission of Leahy vetting forms.
- MARINA still claims that the registration of fishing vessels 3 gross tons and below is still under their jurisdiction.
- Commercial fishing vessels like the ring netters (*kulibo*) are being registered as municipal fishing vessels.

Activities Not Accomplished and Why

- BFAR ARMM Region official launching of the Fisherfolk Registration (FishR) in Zamboanga City was cancelled due to the armed conflict that occurred. BFAR ARMM will reschedule the launching and will be held in the Province of Tawi-Tawi.
- Some activities during the last quarter were not accomplished due to the insurgency of MNLF rebel groups in Zamboanga City which has highly affected the Basilan Sulu and Tawi-Tawi (BASULTA) provinces.
- Inability to participate in the VA and Climate Change training held at Tagaytay on September 23-27, 2013 due to the MNLF insurgency.
- Endorsements from Sangguniang Bayan of Bongao, Panglima Sugala and Simunul for the mayor to enter into MOU with ECOFISH Project are approved already but still require approval of the Local Chief Executive. For the new sites in Sapa-Sapa, Tandubas and South Ubian, delays were encountered because SB sessions are seldom held.

5.8. Verde Island Passage MKBA

As part of the start-up activity in the Verde Island Passage (VIP), the ECOFISH Project staff conducted coordination and orientation meetings with key personnel from the Regional and Provincial BFAR Offices, Provincial and Local Government Units and their key personnel performing coastal and fisheries resource management functions, concerned non-governmental organizations and other assisting institutions. Activities in the site also focused on setting up the project office in Batangas City, and building partnership and linkages with the nine coastal towns in the Balayan Bay area (Balayan, Bauan, Calaca, Calatagan, Lemery, Mabini, San Luis, Taal and Tingloy). The team facilitated the round table discussion with BFAR-4A Regional Director and key personnel and members of the Fisheries and Aquatic Resource Management Council (FARMC). This was undertaken to discuss the institutional arrangement (particularly on coordination, reporting and collaborative efforts) in the implementation of ECOFISH Project in the VIP.

A stakeholder's consultative meeting was also conducted in collaboration with the Provincial Government Environment and Natural Resources Office (PGENRO) to present and introduce the ECOFISH Project. Discussed during the consultative meeting were the design and programs of the Project and institutional and collaborative undertakings in the implementation of the various programs and activities on fisheries resource management. The consultative and orientation activity was attended by the focal personnel for coastal and fisheries programs of the 9 LGUs, representatives from the Municipal Fisheries and Aquatic Resource Management Councils (MFARMCs), selected barangay chairpersons, selected members of the Batangas MPA and BD network, PGENRO, representative from the Office of the Provincial Agriculture and BFAR-PFO.

The table below summarizes the status (O – ongoing; C – completed) of interventions and activities in the Verde Island Passage MKBA under the various deliverables.

Deliverable 1: Policy Studies on EAFM, MPA and Climate Change					
Site Activities/Support for Deliverable 1	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Facilitate gathering of existing information at the MKBA and municipal levels for the policy studies on EAFM, MPA and CCA			O	O	C
Deliverable 2: Toolkits, Sourcebooks, and Case Studies on EAFM, MPA, and Climate Change					
Site Activities/Support for Deliverable 2	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the collection and consolidation of toolkits, IEC materials, workshop/training reports in the area related to EAFM, MPA and CCA			O	O	O
Deliverable 3: A National Database on EAFM Established Using the Annual Monitoring Data in the 8 MKBAs					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area on fisheries resources management for the national data base on EAFM			O	O	O

Deliverable 4: State of the Marine Resources Report					
Site Activities/Support for Deliverable 4	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate and assist in the collection of existing data in the area that are relevant to the State of the Marine Resources Report				O	O
Deliverable 5: National, Regional and Municipal EAFM Trainings Conducted					
Site Activities/Support for Deliverable 5	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct consultation with local partners and assessment on the current state of fisheries and coastal resources management in the area			O	C	
Field coordination of training needs assessment, capacity building needs assessment, and benchmarking of capacity to implement EAFM			O	C	
Coordinate preparations for enforcement trainings, particularly the documentation processes for Leahy vetting			O	O	O
Coordinate preparations and conduct of trainings that may already be done in selected MKBAs				O	O
Deliverable 6: Public-Private Partnerships Supporting ECOFISH Objectives Established					
Site Activities/Support for Deliverable 6	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Assist in the conduct of site inspection and identification of potential PPP partnership opportunities		O	O	O	O
Assist in the identification and mapping of stakeholders for PPPs across and outside priority areas			C		
Provide technical and administrative assistance during the Business Planning and Partnership Training Workshop preparations			O	O	O
Deliverable 7: Bio-physical, Social and Economic Baseline Assessments					
Site Activities/Support for Deliverable 7	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Brief local executives and coordinate with LGU fisheries staff regarding arrangements for the biophysical and socio-economic baseline assessments			C		
Assist in the identification and hiring of enumerators for the biophysical and socio-economic baseline assessments			C		
Coordinate meetings with local officials, POs, local NGOs, and other knowledgeable leaders regarding preparations for the biophysical and socio-economic baseline assessments			C		
Provide administrative and technical assistance to the team in the conduct of biophysical and socioeconomic baseline assessments			O	C	
Deliverable 8: Scientific Studies on Select MKBA-Specific Fish Species					
Site Activities/Support for Deliverable 8	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate consultation with stakeholders on species-specific or gear-specific scientific studies			O	O	O
Coordinate collection of primary data and secondary information for the species-specific or gear-specific scientific studies				O	O

Deliverable 9: MPA Network Analyses					
Site Activities/Support for Deliverable 9	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Conduct orientation and consultation on the establishment of MPAs - for areas without MPAs or need strengthening of existing MPAs			C		
Facilitate identification of potential sites for the establishment of MPAs			O	O	O
Coordinate consultation with stakeholders on the selection of MPA sites			O	O	O
Facilitate the review of MPA management plans - for areas with existing MPAs or network of MPAs			C		
Facilitate strengthening of MPA management committees				O	O
Facilitate orientation on Management Effectiveness Assessment Tool (MEAT) – for areas with existing MPAs or network of MPAs			C		
Assist in providing technical assistance, coaching and mentoring for the administration of MEAT			O	O	C
Deliverable 10: Fisheries Management Plans of Select Inter-LGU Alliances in the Eight MKBAs					
Site Activities/Support for Deliverable 10	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect and consolidate existing municipal fisheries management plans, CRM plans, fisheries ordinances and other related materials			O	C	
Conduct orientation sessions on fisheries management and facilitate the conduct of the EAFM benchmarking process			C		
Conduct consultation to identify and prioritize fisheries management interventions that need to be initiated			O	O	O
Facilitate the review of inter-LGU fisheries management plan (for those MKBAs with existing inter-LGU fisheries management plan)			O	O	O
Conduct law enforcement workshop to assess and analyze the threats, assess individual knowledge and skills of LGU enforcement staff, and develop strategy to address the threats			O	O	O
Deliverable 11: Registry of Users of Municipal Waters Established in Select Municipal LGUs in the MKBA					
Site Activities/Support for Deliverable 11	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Collect, consolidate and review of existing registration and licensing systems			O	O	C
Conduct orientation on the registration of fisherfolk and fishing boats and licensing of fishing gears or fishing operations			O	O	O
Initiate registration and licensing trainings of LGU partners				O	O
Facilitate the review of registration and licensing system (for those LGUs with existing registration and licensing system)				O	O
Delivery 12: Revenue Generation System for Fisheries Management Established and Effectively Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 12	2012		2013		
	Q4	Q1	Q2	Q3	Q4

Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on revenue generation system			O	O	O
Facilitate the gathering of secondary data related to revenue generation system			O	O	O
Coordinate and provide technical support for the valuation studies of the Project			O	O	O
Deliverable 13: Sustainable Financing Programs for EAFM Implemented in Select LGUs in the MKBA					
Site Activities/Support for Deliverable 3	2012		2013		
	Q4	Q1	Q2	Q3	Q4
Coordinate meetings with local officials, POs, local NGOs, and other stakeholders in preparation for the workshop and consultation on sustainable financing programs			O	O	O
Facilitate the gathering of secondary data related to sustainable financing programs			O	O	O

Highlights of key site-level activities/accomplishments

- Collected and consolidated MPA management plans, recent CCA results and draft LGU and Provincial CCA Plans, Strategic Environmental Management Plan (SEMP) of Batangas, VIP Framework Plan, State of the Coast (SOC) Report of Batangas, Municipal Fisheries Profile using BFAR's template and fisheries data from other assisting institutions, Disaster Risk Reduction Plans, and coastal/fishery related ordinances. The collected documents will be used as reference materials for the formulation and development of toolkits and case studies as well as data for the national database on EAFM and State of the Marine Resources Report.
- Attended and participated in the recent Coastal Vulnerability Assessment and Climate Change Adaptation Training. Only three (3) representatives from partner LGUs particularly 2 councilmen and 1 barangay chairperson from the Municipality of Mabini attended and participated in the training. Other partner LGUs have declined to attend and participate for reasons that they just have attended and participated in the same training as well as they just finished their individual VA and CCA Planning. ECOFISH partner LGUs have just finished their individual draft CCA Plans.
- Facilitated the ECOFISH Project orientation that also served as benchmarking for compliance and enforcement program, local fisheries governance, socioeconomic condition, ecosystems health, fishing trends and practices, and current management initiatives and best practices. The activity was also coupled with exercises to guide the local fisheries managers in effectively implementing EAFM programs primarily by providing guideposts for the various stages of their implementation at the local level. This was participated in by 85 partners and stakeholders from BFAR Regional and Provincial Office, PGENRO, OPA, ECOFISH partner LGUs (Vice Mayor, SB for Fisheries and Environment, MAOs, Fisheries Technicians and FARMCs), Bantay Dagat, selected officers of the Batangas MPA and Bantay Dagat Network, DENR-Coastal and Marine Management Sector, representatives from local DILG, PNP (BPPO and MG),

PCG, NFRDI-NBS, and C.I-Philippines. The major fishing violations identified were: commercial fishing inside municipal waters, use of fine mesh net and active gears, the use of compressor for spear fishing, and use of cyanide and dynamite fishing in Calatagan.

- Conducted capacity building, and skills training needs assessment for the municipalities in the focal area. Various levels of training and approaches need to be undertaken since the partner LGUs exhibited different levels of management needs (particularly on the organizational and institutional aspects). LGUs frequently assisted by CI, WWF and other assisting organizations, specifically the municipalities of Mabini, Tingloy and Calatagan, showed advance technical capabilities (individual, organizational and institutional) and provide bigger investments in managing their coastal and marine resources. These LGUs will be needing advanced management capability building support while in the case of Taal and San Luis, that are just starting with their FCRM initiatives, they will be needing more guidance and technical support from the project in the formulation and development of their coastal and fisheries resources management programs. In the case of Balayan, Calaca, Lemery and Bauan, highly industrialized as well as densely populated by fisherfolk, a different approach and strategy may need to be introduced. In the case of registration and licensing, most LGUs have already initiated registering their fisherfolks but generally there is a need to orient the LGUs and their staff on the fisheries registration procedures and requirements (and will be needing guidance and constant mentoring).
- As a continuing activity, ECOFISH provides technical assistance to the entire Batangas MPA and Bantay Dagat Network-by actively participating and attending the regular sessions of the Network and providing technical assistance in the on-going planning sessions (i.e. collection of existing municipal ordinances, CRM management plans, results of resource assessments conducted by various assisting institutions and organizations and feedbacking on the activities/data gathered during the meeting) for the updating of MPA plans in preparation to CRM updating. ECOFISH also provided technical assistance through coaching and supplying reference materials and guidebooks to partner LGUs (particularly Taal) which are starting to establish their fish sanctuary.
- Provided technical and administrative assistance to PPP Specialists and partner LGUs. During the PPP Community Partnership Scoping Workshop. Each LGU presented their existing financing system and livelihood programs. The workshop was attended and participated by Municipal Agriculturists of the partner LGUs, MENROs, Municipal Tourism Officers, Fisheries Technician, BFAR-PFO, PG-ENRO, OPA, selected Barangay Chairpersons, Bantay Dagat Chairpersons, MFARMCs, NGOs and other concerned private sector representatives. At the end of the workshop an initial 21 business proposals were identified as given below.

Municipality	Proposed Business Project	Target
Bauan	Fish Port with fish processing facility	Fisher folks of Barangay Sto. Domingo
Calaca	Candle-making Ecobag production Rags Production Liquid dishwashing production and distribution	Salong multi-purpose cooperative
Calatagan	Ecotourism Downhill biking and camping Ang Pulo Mangrove Park Fish and seaweed processing facility User's fee	FARMC Women's Organization
Lemery	Talaba Culture Water Lily Product Center Food and Fish Processing center and training center Pasalubong Center	FARMCs and Bantay Dagat Samahan ng mga Kababaihan ng Lemery Samahan ng mga Kababaihan ng Lemery Tourism Office partners
Mabini	Coco waste to coco net Bead and shell craft marketing Gulugod Baboy Ecotourism circuit	San Teodoro Fisher folks
Taal	Maliputo fish cage culture Doormat and rags production Junkshop specializing in coconut husk Marketing center of Burdang Taal	Samahan ng mga mangingisda ng Butong Mga asawa ng mga mangingisda MFARMC members Women's group (not yet organize)

- Provided administrative and technical assistance to assisting institutions (i.e. REECS and UP-MERF) during the site entry preparation work. This includes coordination and briefing of local executives and MAs of Mabini, Tingloy and Calatagan as well as BFAR-PFO, OPA and PG-ENRO particularly on the collection and consolidation of secondary data (e.g. municipal profiles, socio-economics, coastal and marine resources management and other related information); identification of pilot barangays for the surveys; and recruitment and training of enumerators for socio-economic and biophysical surveys. Secured clearance from the LGU for the conduct of surveys as well as special permits to assess the selected MPAs.
- Coordinated closely with PGENRO, CI-Philippines and stakeholders of Balayan Bay and provided technical assistance and guidance on fisheries resource management in the coastal municipalities in Balayan Bay. This involved developing the structural planning framework and scientific advise on the proposed seasonal closure of small pelagic fish species (through actively participating and attending the series of stakeholder's consultative meetings), and action planning in developing and formulating a multi-

sectoral approach for achieving the proposed fisheries management intervention in Balayan Bay.

- Provided technical and administrative support as well as representing ECOFISH in the Technical Working Group (TWG), specifically in reviewing the draft framework program for the seasonal closure for small pelagics.
- Facilitated and coordinated with PGENRO and CI-Philippines the recruitment and training of enumerators from the municipalities of Balayan, Mabini, Calatagan and Looc (Occidental Mindoro) on catch, effort and gonad monitoring for the proposed closed season for small pelagic fish species in the Verde Island Passage. Provided administrative support on the weekly monitoring, mentoring and coaching on fish collection (i.e. fish identification, recording and documentation), as well as disbursement of the operational costs for the conduct of the surveys.
- Provided technical assistance to LGU and FARMC of Taal in the preparation for the establishment of proposed fish sanctuary in Butong, Taal-particularly on reviewing the draft work plan and results of the rapid underwater survey report, as well as participation to the series of planning and community consultative meetings.
- Provided assistance to Calatagan and Mabini (both are finalists) during the preparation of documents needed for the National MPA Awards.
- In partnership with CI-Philippines and PG-ENRO, assisted in the MPA-MEAT result feedbacking and IEC in the municipalities of Mabini, Calatagan, San Juan and Lobo.
- Provided administrative and secretariat assistance during the preparation and actual conduct of coastal law enforcement and fisheries benchmarking participated in by focal personnel from BFAR-4A, PFO, NFRDI-NBFS, OPA, PG-ENRO, DILG, MFARMCs, selected fisher folk organizations, *Bantay Dagat*, LGUs (Vice-Mayors, SBs, MAs, MENROs and MPDCs), PNP-MG, local PNP, PCGs, and CI-Philippines. Issues identified were: fisherfolk, gear and vessel registration and licensing; delineation of core and no-take zones; conflict among the stakeholders of Balayan Bay; delineation of municipal water boundaries; unharmonized regulations in Balayan Bay (e.g. Calatagan has a special use permit for commercial fishing within 10.1-15 km in their municipal waters within Balayan Bay and has already delineated it's municipal water boundaries while others do not have the same regulation); and weak enforcement and compliance due to lack of detection equipment, knowledge on recording procedures and documentation as well as the varying strategies of local chief executives and the PNPs in imposing administrative sanctions.
- Attended and participated during the regional launching of the FishR program and provided guidance and technical assistance to partner LGUs during the action planning workshop to roll out their fisherfolk registration initiatives.
- Participated and provided inputs in the formulation of the Executive Legislative Agenda of the municipality of Calatagan and Mabini as well as the ELA of PG-ENRO.
- Initiated conduct of consultative meetings and focused group discussion with local DILG, DENR-PENRO, OPA, PGENRO, MFARMCs, MAs, assisting institutions and donors such as BCRMF, CI-Philippines and First Gas to assess the current financing systems implemented in Batangas, as well as to draw and be familiarized with the existing programs being implemented and how the project can provide assistance particularly in identifying appropriate programs for the fishery sector.

Unplanned Activities

- Attendance in the soft launching of the *Bantay Dagat* Network enforcement database, a web-enabled database system developed by CI-Philippines through its BALANCED Project with support from USAID for reporting, broadcasting and monitoring compliance and enforcement activities of the partner LGUs in the VIP.
- Participated in the DENR-PAWB VIP Stakeholder's meeting and updating on the programs implemented in the VIP.
- Participated in the Batangas MPA Network MPA management planning and updating organized by the Batangas MPA Network in collaboration with PG-ENRO and CI-Philippines.
- Attended and participated in the discussion on PHE program and phase-out arrangement in the VIP by PATH Foundation, Inc.
- Attended and co-facilitated the 5th Environmental Youth Camp organized by the LGU in partnership with CapOCEAN Foundation and ECOFISH.
- Coordinated and provided administrative and secretariat assistance to partner LGUs, Provincial Government Executive Committee, Office of the Governor and other concerned partner implementers in Batangas during the U.S Embassy and Dr. Nancy Knowlton's visit, courtesy call and marine forum in the VIP.
- Attended and participated in the CTI Celebration through mangrove planting, co-sponsored by ECOFISH Project held in Calatagan, Batangas.
- Attended and participated in the Looc and Lubang Occidental Mindoro Network meeting and provided project orientation on ECOFISH to the mayor and LGU staff of the two municipalities.
- Attended and participated in the CI-Philippines BALANCED Project end of the project briefing and proposed turn over.
- Participation in the UNDP and CI-Philippines VIP Consultative meeting regarding Management Effectiveness Tracking system (METT) assessment in the VIP in preparation for the upcoming UNDP-GEF coastal and fisheries resource management project.
- Attended the DENR-PAWB VIP Stakeholder's meeting and updating on the programs implemented in the VIP.
- Invited as a resource speaker during the barangay general assembly meeting in Butong (particularly covering the topics on basic ecology and establishment of MPAs).

Issues and Concerns

- Conflicting schedules of partner LGUs due to various commitments (both with various government programs and assisting institution), makes haggling for accommodation of activities very difficult. Moreover action plans of the LGUs have already developed and are in their implementation stages. However, one positive thing observed is the commitment of the planners and managers (as well as the support of their top management officials) to implement their programs and seriously accomplish their commitment to donors partners.
- National and local elections last May 2013 hampered almost majority of the preliminary requirements for site entry of the Project (such as orientation and project briefing with

partner LGUs). Designated focal personnel cannot commit nor accommodate activities without the clearance from the Mayors since majority of the MAs and MENROs are political appointees.

- Perception of local partners in the barangay, particularly those who are frequently assisted by other donors and NGOs, that the ECOFISH Project is a “piggy bank” and thus seasonally experiencing over pricing.
- Insufficient number of human resources at BFAR-PFO and Office of the Provincial Agriculture to participate in the activities of ECOFISH and conflict with their office’s priority programs affect the coordination of activities.
- The constant reshuffling of PNP officers in Batangas makes the accomplishment of Leahy vetting difficult.
- Inconsistent and weak coordination with MERF regarding their activities as well as arrangements with their contracted enumerators particularly the financial aspects. In addition to this, the municipal agriculturists of Mabini and Calatagan are not well informed of the actual sites and dates of the surveys.
- Fish catch surveys and underwater surveys were delayed and thus almost missing the peak fishing season. Moreover, the contents of the socio-economic and fisheries questionnaires are almost the same. If properly planned and coordinated with ECOFISH and REECS, it could have been better if REECS and MERF stick to the previous arrangement to conduct the SE survey and FGDs at the same time to minimize costs, coordination and mobilization.
- Transportation going to focal sites entails so much travel time if public transportation is used while hiring of vehicle is very costly. The procurement of a vehicle is recommended.

Activities Not Accomplished and Why

- The presentation of the socioeconomic and fisheries baseline assessment results was not done since the reports from REECS and MERF are still being finalized.
- Business planning was not done since it was agreed during the Team Planning to move the schedule to the 2nd quarter of Year 2.
- Orientation on FishR was not done since after the regional launching in September 2013, each partner LGU immediately intensified their ongoing registration due to the attractive incentive offered by BFAR.

6. Performance Synopsis

As mentioned earlier, the start up activities were crucial in ensuring that all development partners were not just officially on board but, more importantly, were already involved in detailed planning of project interventions and supporting activities at various levels. The support of immediate partners is crucial, the National DA-BFAR in moving forward policy instruments to implement EAFM, the Regional and Provincial DA-BFAR in the implementation of the suite of activities the project intends to implement in the MKBAs, and the local governments in

recognizing the need to manage their fisheries and coastal resources and, ultimately, assuming ownership of the initiatives.

The ECOFISH project team has achieved the major thrusts (see section 3) it planned to undertake during Year 1 of project implementation. Right after the formalities of launching the project, the team conducted a more detailed consultation with BFAR National Section Heads and Regional Directors on the Life of Project Work Plan. This included presentation of the details of the project deliverables, incorporation of comments and suggestions, and final selection of focal areas, expansion areas and replication areas of the project. This was followed by a formal ECOFISH orientation and consultation with LGU executives and other partners in focal areas. This orientation, likewise, served as benchmarking of the capacity of local partners to implement EAFM, assessment of training and other capacity building needs of partner LGUs and consultation on potential early fisheries management actions in the MKBAs. The Year 1 Annual Work Plan was likewise presented to BFAR National Section Heads and Regional Directors for their comment and suggestions and approval.

Table 3 shows the major performance indicators¹ (extracted from the PMP), baselines and targets for Year 1 of project implementation and actual accomplishments. Given the progress in start-up activities and the foundational efforts (as detailed in Sections 4 and 5) put in by the ECOFISH team, the project has met its Year 1 targets and even exceeded many of them. The number of national and local EAFM training courses conducted, number of persons trained, and number of person hours of training on EAFM, MPA, and CCA have exceeded the targets. This is largely because the ECOFISH Orientation Workshops in the 8 MKBAs were transformed into training and actual application efforts (covering fisheries management benchmarking, assessment of LGU capacity to implement EAFM, identification of early management interventions, and action planning for early management interventions). Also some sites are more advanced than the others and training activities intended for Year 2, such as planning for network of MPAs and spatial planning, were requested by partners to be conducted ahead of their intended schedule. The number of hectares of municipal waters under improved management has also exceeded the target for Year 1 (because in developing the design for the implementation of project activities to achieve the deliverables, the team assumed that the level of fisheries management initiatives in the former FISH project sites has declined since the termination of that project in 2010). It was likewise assumed that the four “new” sites would have very low level of fisheries management capabilities and interventions. Therefore, the project proposed a conservatively low target. However, the management and institutional benchmarking exercises conducted at the onset of project implementation provided a better picture than expected.

A major activity for this reporting period is the establishment of the baselines, primarily for the biophysical and socioeconomic status in the eight MKBAs. By the end of Year 1 all baseline data will have been collected. The baseline information will not only serve as reference point for the project results, but will likewise be used for designing fisheries and socioeconomic interventions. They will also serve as startup information for capacity building programs (including the assessment of level of governance, training needs assessment and climate vulnerability assessment). The biophysical, socio-economic and governance information will

¹ These indicators are directly related to Key Results of the project. A total of 90 interventions that will lead to achieving the deliverables of the project will be monitored.

likewise serve as basis for determining and setting in place early fisheries management actions, as well as inputs to inter-LGU fisheries management planning.

The ECOFISH Project team met with the BFAR National Director and Regional Directors on various occasions to discuss policy directions and priorities of BFAR and how ECOFISH can be mobilized to develop and demonstrate national priority initiatives related to EAFM. The team also met with other potential government partners (NAPC, DENR, LCP, LMP, DBM and NEDA) to brief the agencies about the project and to explore potential synergies. An important result was the linking of BFAR, DBM and NSO in developing a design for a revitalized municipal fisherfolk registration program that utilizes data from the Registry System for Basic Sectors in Agriculture (RSBSA) initiated by DBM and NSO. ECOFISH has worked closely with BFAR in designing the National Program for Municipal Fisherfolk Registration (FishR). ECOFISH has also explored synergy between BFAR and NAPC initiatives for fisherfolk livelihood options that will be linked to fisheries management interventions.

The ECOFISH TWG is the proposed project oversight group composed of technical staff from key partners and agencies under the auspices of the Coastal and Marine Conservation and Management Sub-committee to be co-chaired by DA (represented by the Director of the Bureau of Fisheries) and USAID. The TWG is intended to enhance catalytic participation with its coordination/collaboration function across relevant government agencies and partners. Formalization of the creation of this group awaits the finalization of the Joint Program of Implementation Letter under the signed GPH-USG Bilateral Assistance Program. Consultations with the major agencies (DA-BFAR, DILG and DENR-PAWB) have been initiated and drafting of the terms of reference is underway.

Table 3. Baselines, Performance Indicators, Targets and Accomplishments for Year 1

PIRS1 No.	Key Result Area	Indicator	Baseline	Year 1 Target Numerical Targets	Year 1 Accomplishment
1	Result A. An average of 10% increase in fisheries biomass across the eight MKBAs.	Percentage increase in the biomass of selected fisheries in the focal areas across the 8 MKBAs relative to baseline using fisheries dependent method and MPA assessment method	Estimate of biomass (TBD)	-	-
2	Result B. A 10% increase in the number of people gaining employment or better employment from sustainable fisheries management from a baseline established at the start of the project	Percentage increase in the number of people gaining employment or better employment in the focal areas across the eight MKBAs relative to baseline using socio-economic methods	Estimate of number (TBD)	-	-
3	Result C. Establishment of a national capacity development program to enhance the capacities of LGUs and relevant national agencies to apply ecosystem-based approaches to fisheries management.	Number of EAFM training courses conducted (national, regional and local)	0	20	33
4		Number of persons trained in EAFM, MPA and CCA (national, regional and local) [FACTS 4.8.1-27: Number of people receiving USG supported training in natural resources management and/or biodiversity conservation]	0	300	951
5		Number of person hours of training on EAFM, MPA, and CCA (national, regional and local) [FACTS 4.8.1-29: Number of person hours of training in natural resources management and/or biodiversity conservation supported by USG assistance]	0	4,800	15,216
6		Number of policy studies on EAFM, MPA, and CCA (national) [FACTS 4.8.2.28: Number of laws, policies, strategies, plans, agreements, or regulations addressing climate change and/or biodiversity conservation formally proposed, adopted, or implemented as a result of USG assistance]	0	2	2
7	Result D. Eight public-private partnerships supporting the objectives of the ECOFISH project created and operating	Number of strategic partnerships formally established and operating	0	2	2
8		Number of community partnerships actively engaged and mobilized	0	10	18
9	Result E. One million hectares of municipal marine waters under improved management.	Number of hectares of municipal waters under improved management [FACTS 4.8.1-26: Number of hectares of biological significance and/or natural resources under improved natural resource management as a result of USG assistance]	0	200,000	377,809
10		Number of hectares of MPAs and network of MPAs established [FACTS 4.8.1-26: Number of hectares of biological significance and/or natural resources under improved natural resource management as a result of USG assistance]	0	0	-
11	Result F. A core of 30 LGUs across the eight MKBAs with improved capacity for implementing ecosystem approaches to fisheries management.	Number of inter-LGU/MKBA fisheries management plans developed	0	0	-
12		Number of LGUs that have achieved EAFM benchmark level 2 or higher	Estimate of benchmark level TBD		11

1 Performance Indicator Reference Sheet (refer to Appendix 1 of the ECOFISH Performance Monitoring Plan for details).

Developing or formalizing institutional arrangements with stakeholder groups in the MKBAs is a continuing process. It specifically contributes to the effective design process and implementation of project initiatives, as well as to the efforts of sustaining the agreed and crafted initiatives beyond the life of the project. In the Verde Island Passage MKBA, ECOFISH initiated agreements with Conservation International and the Malampaya Foundation Inc. on areas of collaboration, particularly in instituting species-specific fisheries management initiatives. The formal launch of ECOFISH in Surigao del Norte formalized the working relationship between the Provincial Government, BFAR-CARAGA, Municipal Governments and ECOFISH. ECOFISH is in collaboration with Coastal Conservation Education Foundation (CCEF) in connection with the activities of the Danajon Double Barrier Reef Management Council (DDBRMC). The project was initially involved in the review of the Fisheries Management Framework Plan, its finalization and ultimately, its approval by the DDBRMC.

As mentioned earlier, the search for local and national champions for sustainable and responsible fisheries is ongoing. Discussions have been initiated with the League of Municipalities of the Philippines (LMP) to continue LMP's MOREFISH Program or Movement for Responsible Fisheries. Identification of champions at the local and national level will take on a more accelerated during Year 2.

The ECOFISH Project is now fully staff (Figure 3). The hiring of the Community Relation Specialists completed the staff requirements at the site level. The DCOP functions were performed during Year 1 by the Senior Coastal Resources and Fisheries Management Specialist and the Chief of Party. The Manila and Cebu offices are operational. All site offices in the eight MKBAs are operational as well. BFAR relations and coordination/reporting functions are now established and overseen by the COP/SGIDS.

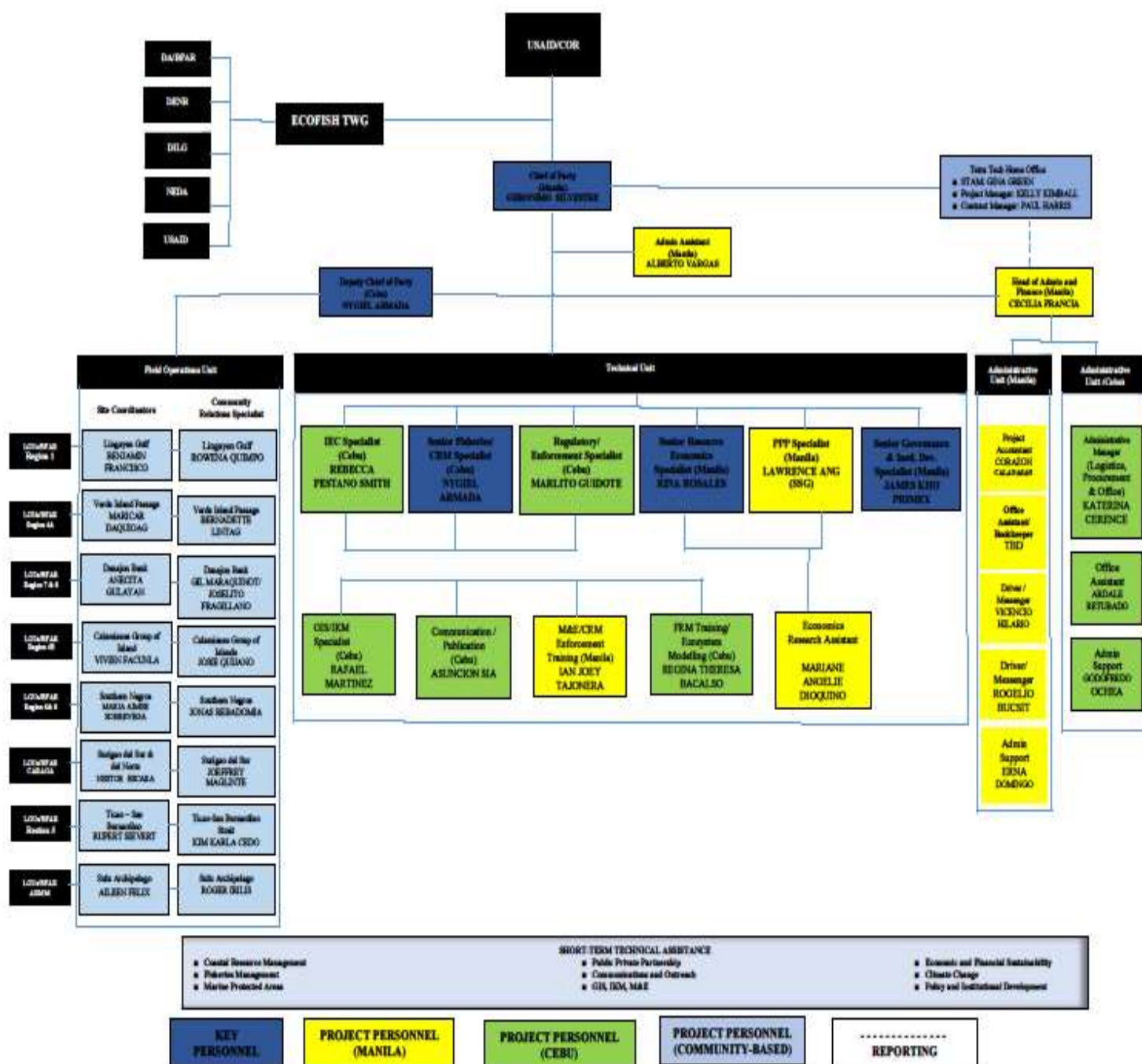


Figure 3. ECOFISH Organizational Chart

7. Initial Project Impacts

At this early stage of implementation, the impact of the project could not still be fully realized. However, Year 1 project activities with partners at the national and MKBA levels have already shown some initial impacts:

- ECOFISH made a breakthrough when it linked BFAR to DBM and NSO to share similar efforts in registering fishers. After several meetings, BFAR decided that the existing fisherfolk registration system should utilize the data already gathered under the RSBSA. ECOFISH provided assistance in developing the details of implementation to enhance the existing BFAR registration system utilizing the RSBSA data. This breakthrough has saved the GPH substantive financial resources (estimated to be at least 150 million pesos).
- The ECOFISH team is very much involved in continuing fisheries management initiatives initiated by partners and NGOs in the Verde Island Passage. The technical and scientific support to bring to fruition the limited “closed season” initiative for small pelagics in the VIP has been handed over to ECOFISH by partners in the area. The ECOFISH team will provide the technical and scientific support to study, design and recommend schemes and strategies for the implementation of “closed season” for small pelagics in the VIP.
- ECOFISH organized a preliminary assessment of the impacts of oil spill in the Mactan, Cebu part of Danajon Bank and a forum on immediate mitigation measures in response to the oil spill event. The forum was participated in by various agencies (DENR, BFAR, and PCG), LGU officials, religious sector, media, academe, and concerned groups. Invited experts from the Oil Spill Response Program (OSRP) of the University of the Philippines in the Visayas (UPV) provided insights based on their initial assessment and guided by their experience from the oil spill event off Guimaras Island in 2006. This led to modification of a number of erroneous responses by the LGU officials and communities in the affected areas.
- The PNP-MG requested the Project to assist in the design of the “Adopt a MPA (AMPA) program and how to implement it. After several meetings that were also attended by environmental CSOs, the DENR, BFAR, and the PNP-MG has formally approved the AMPA Program. ECOFISH will continue engagement with PNP-MG and provide training support and monitor implementation in the ECOFISH sites.
- The Project partnered with the League of Municipalities of the Philippines to support the training for newly elected mayors (ONE-M Program). ECOFISH supported the participation of five ‘champion’ mayors (and former mayors) who mentored the incoming mayors on environmental governance, especially in coastal resources and fisheries management. In supporting the ONE-M Program, ECOFISH was able to reach out to other LGUs outside of the 8 MKBAs to share best practices. The champion mayors were either mayors of FISH or ECOFISH partner LGUs or part of the MOREFISH champions formed by the FISH Project and LMP in the past.

- ECOFISH has been instrumental in establishing linkages among LGUs and law enforcement agencies in the project sites through the law enforcement capacity assessment workshops and simple ‘handshake’ meetings. This has resulted in renewed interest and willingness to cooperate in fisheries law enforcement. For example, in Tawi-Tawi, ECOFISH brought together the local commanders of the PNP, PNP-MG, Navy, PCG with the Governor and other LGU officials to talk about immediate measures to curb illegal fishing, especially blast fishing, using an InfoBoard system provided by Smart Communications under a PPP arrangement. In Coron, meetings with PNP-MG and LGUs resulted in deployment of a boat of the PNP-MG to Calamianes to strengthen enforcement.
- ECOFISH formalized its first PPP entitled “TV White Space Supported Fisherfolk Registration in the Danajon Reef: a PPP between ICT Office-Microsoft-ECOFISH and trial for mobile registration under the National Program for Municipal Fisherfolk Registration”.